

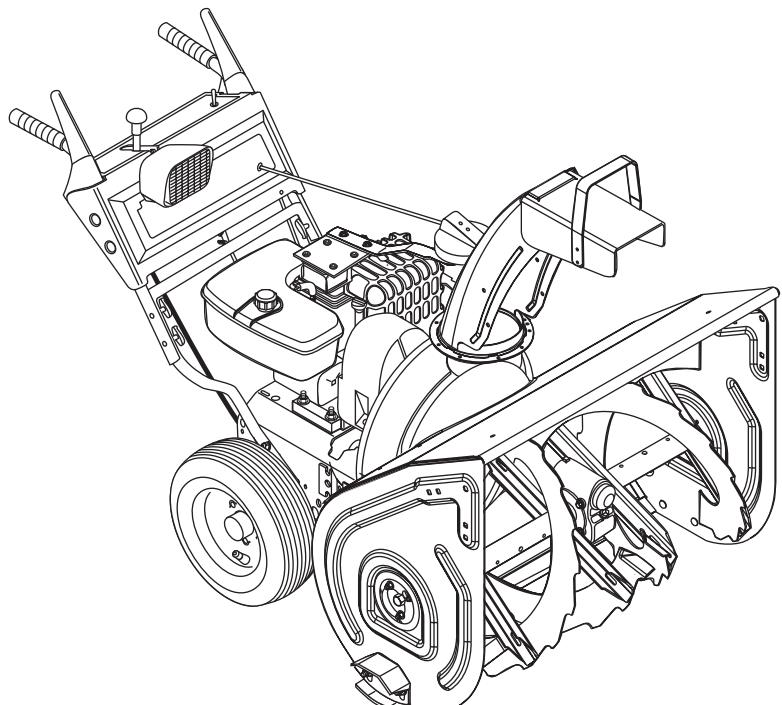


Sno-Thro.[®]

Parts Manual

Models

924119 -1028
924120 -1024
924333 -1024
924334 -1128
924502 -1332
924503 -1336
924504 - 936



THE MANUAL

Before you operate your unit, carefully and completely read manuals supplied with the unit. The contents will provide you with an understanding of safety instructions and controls during normal operation and maintenance.

For your safety and the safety of others always read, understand, and follow all DANGER, WARNING, and CAUTION messages found in manuals and on safety decals.

Hardware descriptions are given in decimals.

| Decimals to Fractions | | | |
|-----------------------|------|------|-------|
| .063 | 1/16 | .563 | 9/16 |
| .125 | 1/8 | .625 | 5/8 |
| .188 | 3/16 | .688 | 11/16 |
| .250 | 1/4 | .750 | 3/4 |
| .313 | 5/16 | .813 | 13/16 |
| .375 | 3/8 | .875 | 7/8 |
| .438 | 7/16 | .938 | 15/16 |
| .500 | 1/2 | 1.00 | 1 |

SERVICE AND REPLACEMENT PARTS

When ordering replacement parts or making service inquiries, know the Model and Serial numbers of your unit and engine.

Numbers are located on the product registration card in the unit literature package. They are printed on a serial number label, located on the frame of your unit.

- Record Unit Model and Serial numbers here:

- Record Engine Model and Serial numbers here:

UNAUTHORIZED REPLACEMENT PARTS

Use only Ariens replacement parts. The replacement of any part on this vehicle with anything other than an Ariens authorized replacement part may adversely affect the performance, durability, or safety of this unit and may void the warranty. Ariens disclaims liability for any claims or damages, whether warranty, property damage, personal injury or death arising out of the use of unauthorized replacement parts.

PRODUCT REGISTRATION

A warranty registration card must be filled out, signed, and returned at time of purchase. This card activates the warranty. Claims meeting requirements during limited warranty period will be honored..

YOUR SATISFACTION IS IMPORTANT

Questions? Please follow these helpful steps:

1. Refer to the manuals supplied with your unit. They will guide you through safe and proper operation and maintenance. They contain specifications on your unit. If your questions are not answered in these manuals, go to step number two.
2. Contact Your Dealer. Our dealers will be happy to supply any service or advice required to keep your unit operating at peak efficiency. A factory trained staff is available to support your equipment needs. They stock genuine Ariens parts and lubricants manufactured with the same precision and skill as the original. If your questions are not resolved by the support staff, ask for the manager or owner. When contacting your Dealer supply your model and serial numbers.

TO SPEED PARTS ORDERING:

1. Know the model and serial numbers of your unit.
2. Know the part number required.
3. Know the quantity required.
4. Know the part description.

MODELS

Domestic

Model 924119 (1028)

10 H.P. 28" Sno-Thro
Serial No. 000101 and up

Model 924120 (1024)

10 H.P. 24" Sno-Thro
Serial No. 000101 and up

International

Model 924333 (1024)

10 H.P. 24" Sno-Thro
Serial No. 000101 and up

Model 924334 (1128)

11 H.P. 28" Sno-Thro
Serial No. 000101 and up

Global

Model 924502 (1332)

13 H.P. 32" Sno-Thro
Serial No. 000101 and up

Model 924503 (1336)

13 H.P. 36" Sno-Thro
Serial No. 000101 and up

Model 924504 (936)

9 H.P. 36" Sno-Brush
Serial No. 000101 and up

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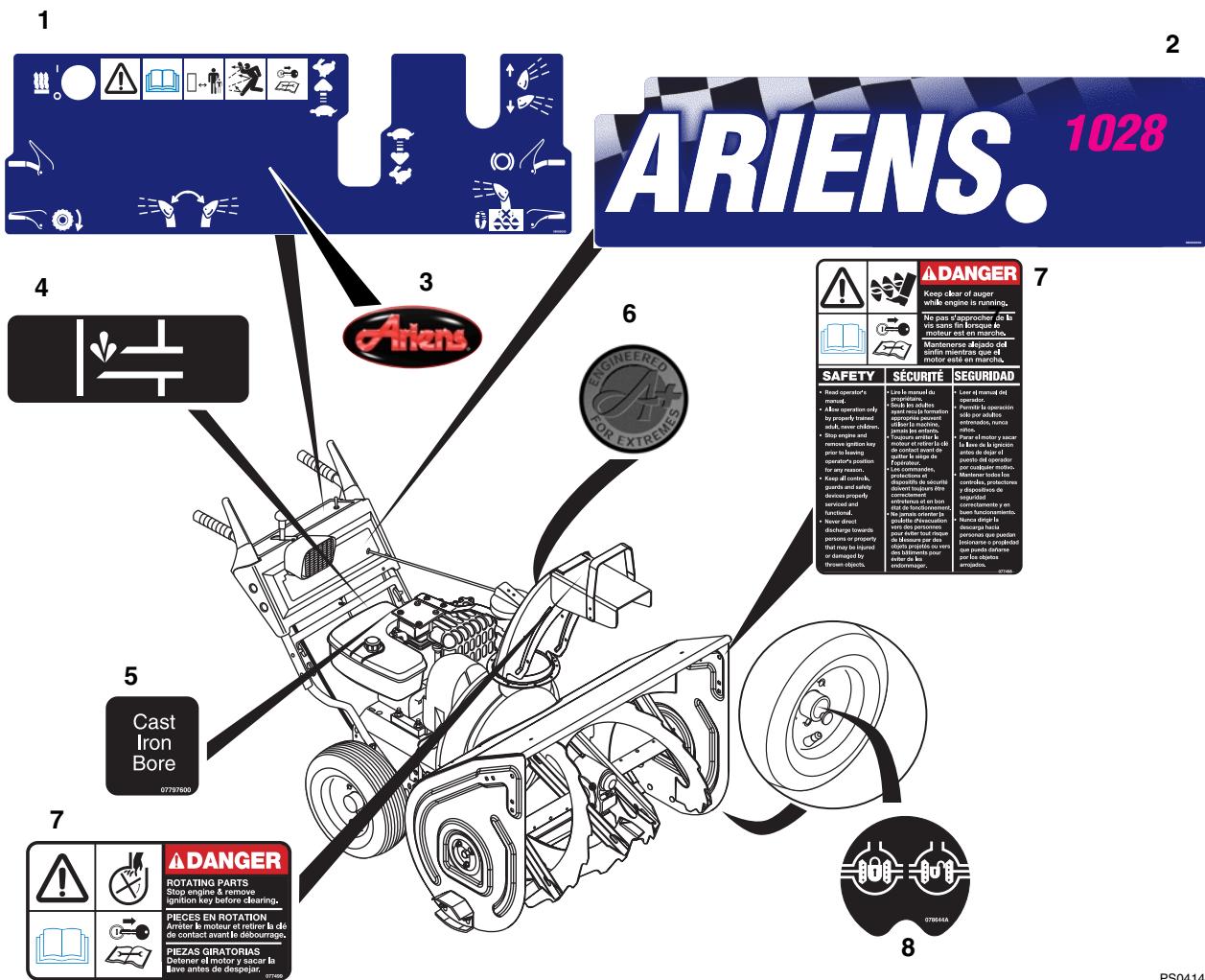
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DECALS

Model 924119, 120, 333, 334, 502, 503



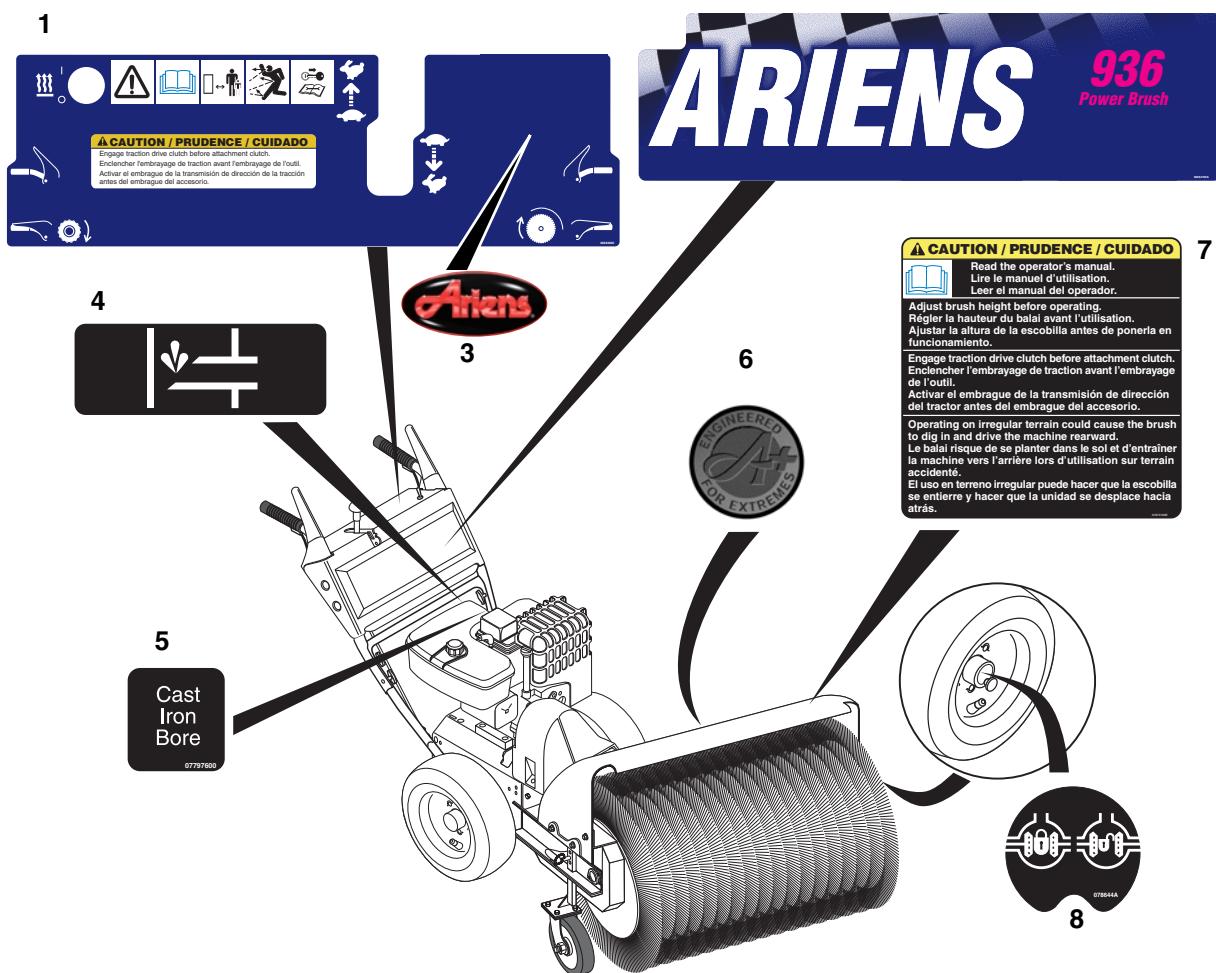
PS0414

| Item | Part No. | Qty. | Description |
|------|----------|------|---|
| 1 | 08085000 | 1 | Decal-Dash 1028 (119) |
| | 08084900 | 1 | Decal- 1024 Dash (120) |
| | 08085300 | 1 | Decal- 1024/1128 Dash (333, 334) |
| | 08085100 | 1 | Decal- 1332/1336 Dash (502, 503) |
| | 08084800 | 1 | Decal- 936 Dash (504) |
| 2 | 08084200 | 1 | Decal- 1024 Front Panel (120, 333) |
| | 08084300 | 1 | Decal- 1028 Front Panel (119) |
| | 08084400 | 1 | Decal- 1128 Front Panel (334) |
| | 08084500 | 1 | Decal- 1332 Front Panel (502) |
| | 08084600 | 1 | Decal- 1336 Front Panel (503) |
| 3 | 07746400 | 1 | Decal-Ariens Jewel |
| 4 | 07733900 | 1 | Decal-Primer |
| 5 | 07797600 | 1 | Decal- Cast Iron Bore |
| 6 | 07751100 | 1 | Decal-A+ |
| 7 | 62447800 | 1 | Decal-Set-Danger (119, 120, 333, 334, 502, 503) |
| 8 | 07864400 | 1 | Decal-Differential Lock (120, 333, 334, 502, 503) |

DECALS

Model 924504

2



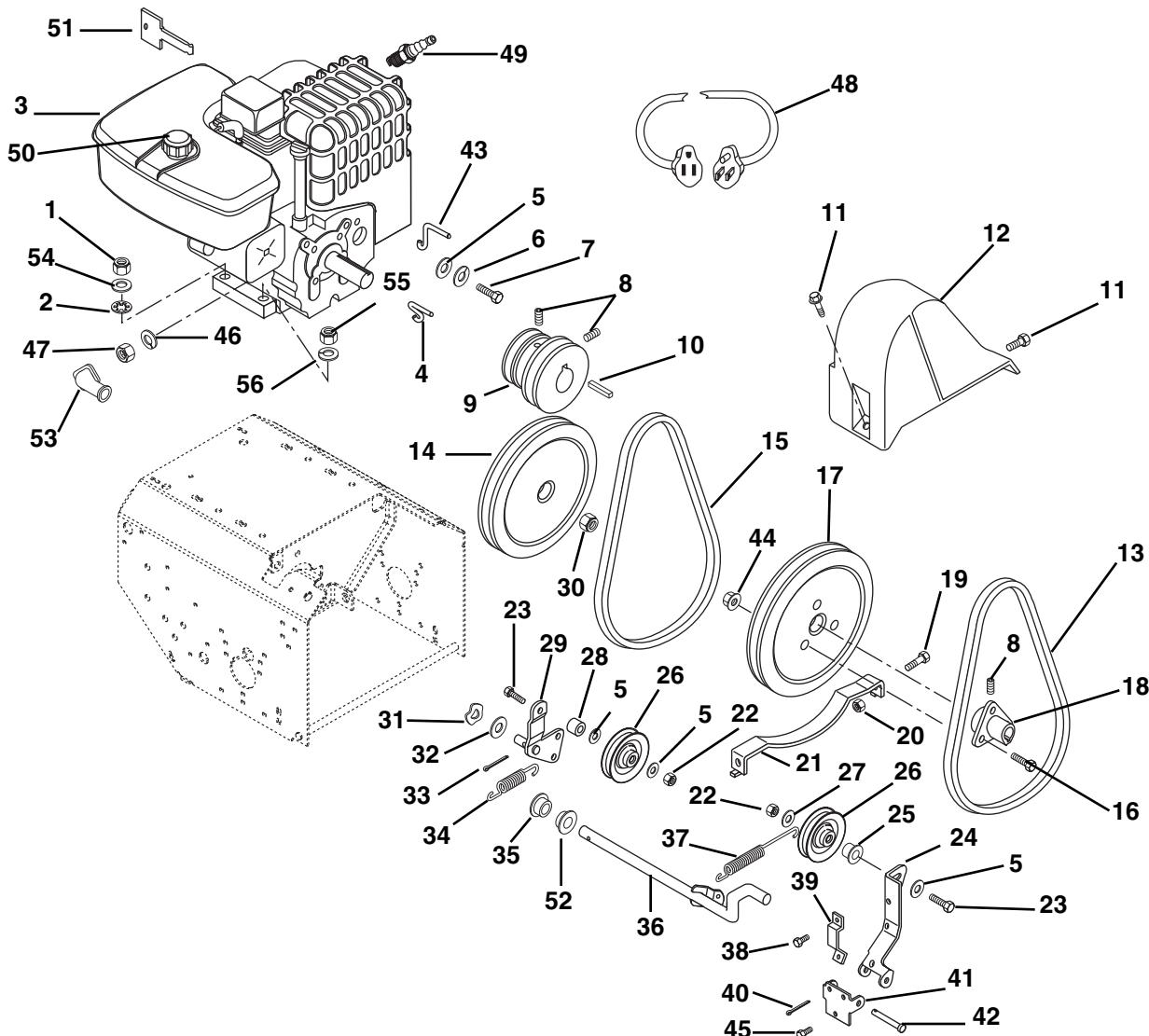
PS0870

Item Part No. Qty. Description

| | | | |
|---|----------|---|-------------------------|
| 1 | 08084800 | 1 | Decal- 936 Dash |
| 2 | 08084700 | 1 | Decal- 936 Front Panel |
| 3 | 07746400 | 1 | Decal-Ariens Jewel |
| 4 | 07733900 | 1 | Decal-Primer |
| 5 | 07797600 | 1 | Decal- Cast Iron Bore |
| 6 | 07751100 | 1 | Decal-A+ |
| 7 | 07873100 | 1 | Decal, Caution |
| 8 | 07864400 | 1 | Decal-Differential Lock |

ENGINE AND BELT DRIVE

Model 924119, 120, 333, 334, 502, 503, 504



PS0448

| Item | Part No. | Qty. | Description |
|------|----------|------|---|
| 1 | 06529800 | 1 | Nut-Locking-Center .31-18 |
| 2 | 06310500 | 1 | Washer-Lock Internal .31 |
| 3 | 08262200 | 1 | Engine, 10HP L Head Tecumseh - 120 Volt (119) |
| | 08260700 | 1 | Engine, 10HP OHV Tecumseh- 120 Volt (120) |
| | 08260800 | 1 | Engine, 10HP OHV Tecumseh- 12 Volt (333) |
| | 08261000 | 1 | Engine, 11HP Tecumseh OHV 12 Volt (334) |
| | 08261100 | 1 | Engine, 13HP Tecumseh 12 Volt (502, 503) |
| | 08261200 | 1 | Engine, 9HP Tecumseh OHV (504) |
| 4 | 02410900 | 1 | Belt Finger |
| 5 | 06435700 | 5 | Washer-Flat-Steel .38 x .875 x .083 |
| 6 | 06308600 | 2 | Washer-Locking .31 x .078 |
| 7 | 05947300 | 2 | Bolt-Hex .31-24 x .75 Grade 5 |
| 8 | 06005500 | 4 | Screw-Set .31-18 x .38 |
| 9 | 02489100 | 1 | Engine Sheave (119, 120, 333, 334, 502, 504) |
| | 02435700 | 1 | Engine Sheave (503) |

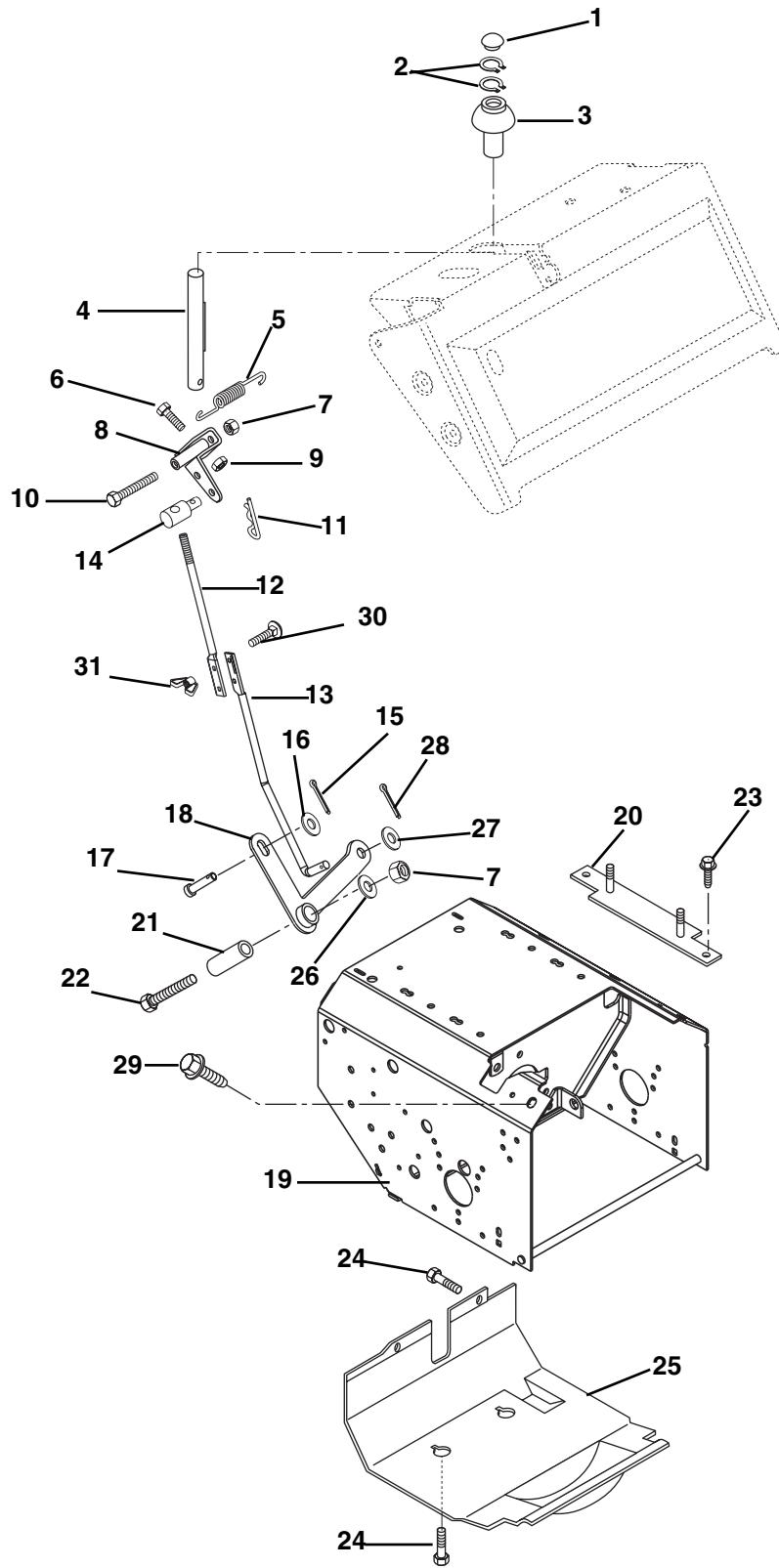
ENGINE AND BELT DRIVE

Model 924119, 120, 333, 334, 502, 503, 504

| Item | Part No. | Qty. | Description |
|------|----------|------|--|
| 10 | 06601800 | 1 | Key-Straight .25 x 1.75 x .25 |
| 11 | 07412000 | 2 | Screw-Tap .25-20 x .50 |
| 12 | 02489000 | 1 | Belt Cover |
| 13 | 07238500 | 1 | V-Belt (119) |
| | 07238400 | 1 | V-Belt (120, 333, 334, 504) |
| | 07238300 | 1 | V-Belt (502) |
| | 07236200 | 1 | V-Belt (503) |
| 14 | 07325700 | 1 | Pulley-V 8.40 x 1.0 with Key |
| 15 | 07211200 | 1 | V-Belt -Traction Drive (119, 120, 333, 334, 504) |
| | 07236100 | 1 | V-Belt -Traction Drive (502, 503) |
| 16 | 07005300 | 3 | Bolt-Serrated Round Head Slotted .31-18 x .75 (503) |
| 17 | 07307000 | 1 | Pulley-V 9.0 x 1.25 |
| 18 | 02438900 | 1 | Hub (119, 120, 333, 334, 502, 503) |
| 19 | 05947900 | 2 | Bolt-Hex .25-20 x .50 Grade 5 (120, 333, 334, 502, 503, 504) |
| 20 | 06529700 | 2 | Nut-Locking-Center .25-20 (120, 333, 334, 502, 503, 504) |
| 21 | 02423651 | 1 | Belt Retainer (120, 333, 334, 502, 503, 504) |
| 22 | 06529800 | 2 | Nut-Locking Center .31-18 |
| 23 | 05947500 | 2 | Bolt-Hex .31-18 x 1.25 Grade 5 |
| 24 | 02434851 | 1 | Idler Arm |
| 25 | 01213100 | 1 | Bearing Spacer |
| 26 | 02457400 | 2 | Idler |
| 27 | 06437200 | 1 | Washer-Flat-Steel .344 x .688 x .065 |
| 28 | 01103100 | 1 | Spacer |
| 29 | 02453751 | 1 | Idler Arm |
| 30 | 06530300 | 1 | Nut-Locking-Nylon .625-18 |
| 31 | 01026000 | 1 | Wave Washer |
| 32 | 06436500 | 1 | Washer-Flat-Steel .382 x .812 x .023 |
| 33 | 06707000 | 1 | Pin-Cotter .09 x 1.00 |
| 34 | 08309400 | 1 | Spring-Tension .80 x .73 x 3.06 |
| 35 | 05503700 | 1 | Bushing-Flange-Nylon .500 x .625 x .312 x .750 |
| 36 | 02442800 | 1 | Activating Shaft |
| 37 | 08317200 | 1 | Spring-Tens .047 x .44 x 3.37 |
| 38 | 07412100 | 2 | Screw-Tapping 10-24 x .375 |
| 39 | 02435300 | 1 | Return Clip |
| 40 | 06707400 | 1 | Pin-Cotter .09 x .50 |
| 41 | 02434751 | 1 | Bracket |
| 42 | 02435400 | 1 | Pin-Clevis |
| 43 | 02411000 | 1 | Belt Finger |
| 44 | 06530400 | 3 | Nut-Locking-Flange .312-18 (503) |
| 45 | 07411600 | 3 | Screw-Tap .25-20 x .37 |
| 46 | 06306800 | 1 | Washer-Lock-External .262 x .502 x .026 (503) |
| 47 | 06533200 | 1 | Nut-Hex .25-20 (503) |
| 48 | 02483100 | 1 | Cord-Extension-110V (119, 120) |
| 49 | 21533500 | 1 | Plug-Spark |
| 50 | 07531800 | 1 | Fuel Cap |
| 51 | 07532000 | 1 | Key, Push/Pull-Tecumseh (119, 120) |
| 52 | 05502100 | 1 | Bushing-Flange .500 x .625 x .500 x .750 |
| 53 | 07533200 | 1 | Boot, Eyelet Terminal(333, 334, 502, 503) |
| 54 | 06436700 | 1 | Washer-Flat-Steel .323 x .625 x .062 |
| 55 | 06529200 | 3 | Nut-Hex .312-18 |
| 56 | 06307400 | 3 | Washer-Locking .312 x .097 Heavy |

SPEED SELECTOR AND FRAME

Model 924119, 120, 333, 334, 502, 503, 504



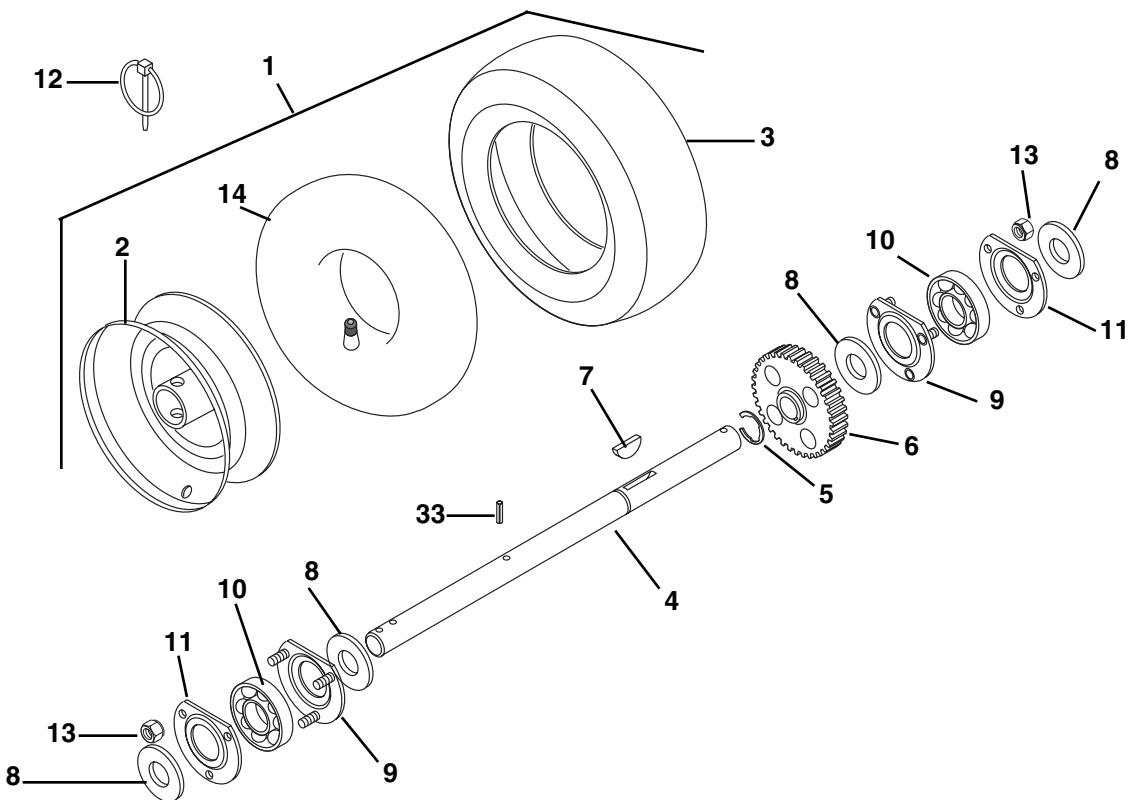
SPEED SELECTOR AND FRAME

Model 924119, 120, 333, 334, 502, 503, 504

| Item | Part No. | Qty. | Description |
|------|----------|------|---|
| 1 | 07516700 | 1 | Hole Plug |
| 2 | 05708600 | 2 | Ring-Retainer-External .500 x .015 |
| 3 | 07509600 | 1 | Knob |
| 4 | 02444851 | 1 | Rod |
| 5 | 08318400 | 1 | Spring, Tension .055 x .33 x 1.31 |
| 6 | 05947700 | 1 | Bolt-Hex .25-20 x 1.00 |
| 7 | 06529800 | 1 | Nut-Locking-Center .312-18 |
| 8 | 02462600 | 1 | Pivot |
| 9 | 06529700 | 1 | Nut-Locking-Center .25-20 |
| 10 | 05948000 | 1 | Bolt-Hex .31-18 x 3.50 |
| 11 | 06713500 | 2 | Pin-Hair Internal .08 x .18 x 1.18 |
| 12 | 02487600 | 1 | Rod, Shift-Upper |
| 13 | 02487700 | 1 | Rod, Shift-Lower |
| 14 | 02477900 | 1 | Pivot, Rod |
| 15 | 06706900 | 1 | Pin-Cotter .09 x .75 |
| 16 | 06436500 | 1 | Washer-Flat-Steel .382 x .812 x .023 |
| 17 | 01215100 | 1 | Clevis Pin .370/.375 x .688 |
| 18 | 02476300 | 1 | Arm, Shift |
| 19 | 02485359 | 1 | Main Frame |
| 20 | 02401800 | 2 | Bolt Strap (119, 120, 333, 334, 504) |
| | 02483500 | 2 | Bolt Strap (502, 503) |
| 21 | 05531500 | 1 | Bushing-Sleeve .328 x .50 x .75 |
| 22 | 05947500 | 1 | Bolt-Hex .31-18 x 1.25 Grade 5 |
| 23 | 07411600 | 2 | Screw-Tapping .250-20 x .37 Hex Washer Head |
| 24 | 07411500 | 4 | Screw-Tapping .31-18 x .50 Hex Washer Head |
| 25 | 02477159 | 1 | Cover, Bottom |
| 26 | 06437200 | 1 | Washer-Flat-Steel .344 x .688 x .065 |
| 27 | 06441900 | 1 | Washer-Flat-Steel .531 x 1.06 x .095 |
| 28 | 06707300 | 1 | Pin-Cotter .12 x .75 |
| 29 | 07028500 | 2 | Bolt-Hex Flanged Whiz Lock Head .38-16 x .75 |
| 30 | 06219800 | 2 | Bolt-Round Head Square Neck .25-20 x 1.00 Grade 5 |
| 31 | 06537500 | 2 | Nut-Locking Wing .25-20 |

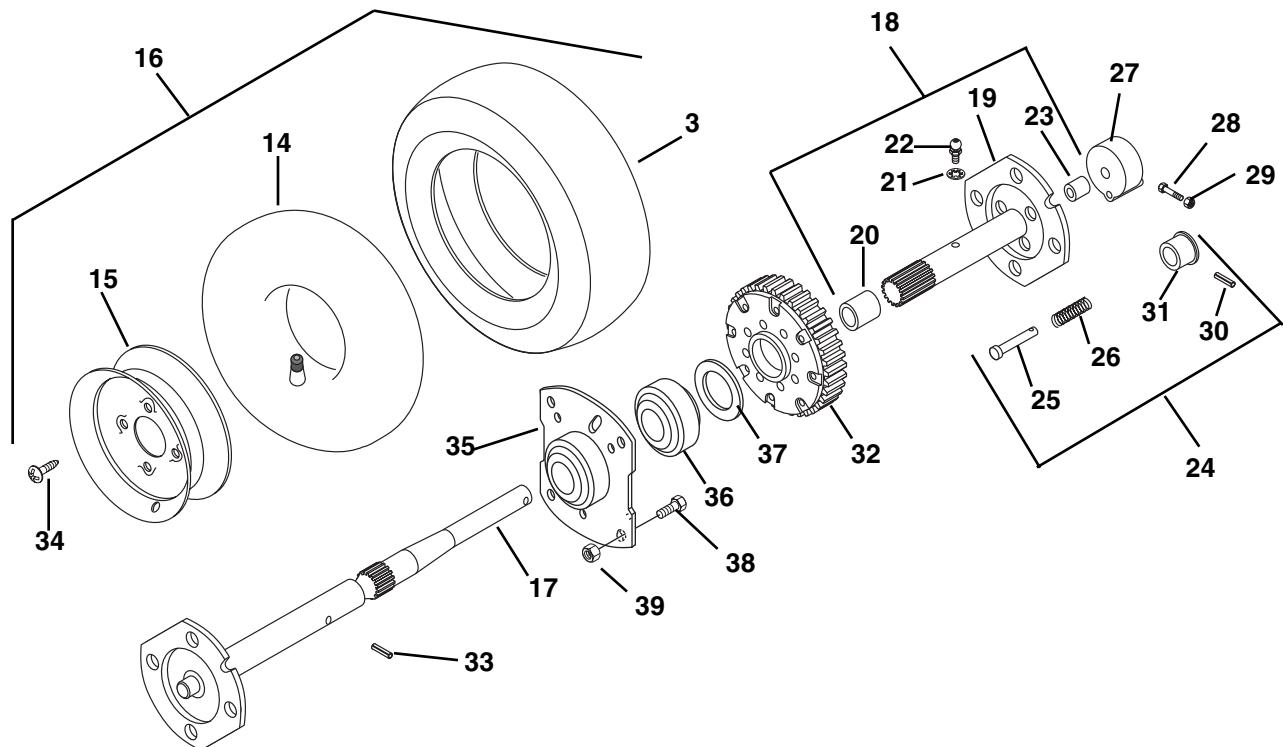
WHEELS AND AXLE

Model 924119



PS0800

Model 924120, 333, 334, 502, 503, 504



PS0790

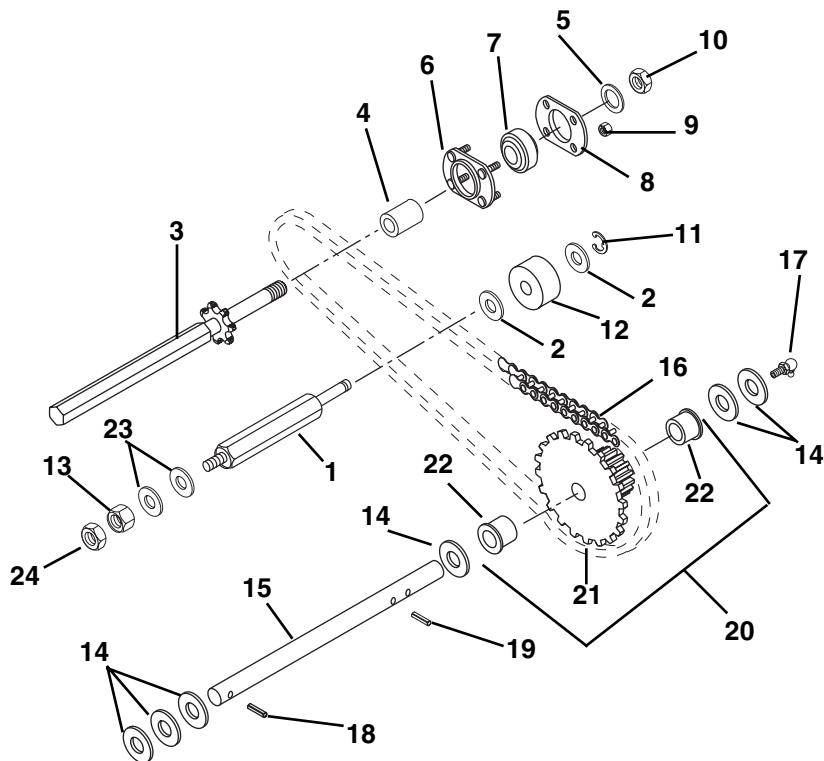
WHEELS AND AXLE

Model 924119, 120, 333, 334, 502, 503, 504

| Item | Part No. | Qty. | Description |
|------|----------|------|--|
| 1 | 07150300 | 2 | Tire/Wheel Assembly 16 x 6.50 - 8 (119) |
| 2 | 07150500 | 2 | Wheel 6.50 x 8.00 (119) |
| 3 | 07121800 | 2 | Tire 4.80-8 (120, 333) |
| | 07121600 | 2 | Tire 16 x 6.50-8 (119, 334, 502, 503, 504) |
| 4 | 02483200 | 1 | Shaft, Axle (119) |
| 5 | 05718400 | 1 | Ring, Retaining .875 x .050 (119) |
| 6 | 02439600 | 1 | Spur Gear (119) |
| 7 | 06600800 | 1 | Woodruff Key .25 x .875 x .375 (119) |
| 8 | 06436900 | 4 | Washer-Flat-Steel .88 x 1.25 x .062 (119) |
| 9 | 00301700 | 2 | Bearing Flange (119) |
| 10 | 05409300 | 2 | Bearing, Ball .88 x 1.75 x .50 (119) |
| 11 | 01014200 | 2 | Flange, Bearing (119) |
| 12 | 07053700 | 2 | Pin-Lock .31 x 1.75 (119) |
| 13 | 06529700 | 6 | Nut-Locking-Center .25-20 (119) |
| 14 | 07103700 | 2 | Tube 4.00 x 8 (120, 333) |
| | 07108700 | 2 | Tube 6.50 x 8 (119, 334, 502, 503, 504) |
| 15 | 07107600 | 2 | Wheel 4.80-8 (120, 333) |
| | 07107700 | 2 | Wheel 6.50-8 (334, 502, 503, 504) |
| 16 | 07121900 | 2 | Tire/Wheel Assembly #34-4.80/4.00 x 8 (120, 333) |
| | 07121700 | 2 | Tire/Wheel Assembly #35-16 x 6.50 (334, 502, 503, 504) |
| 17 | 02437151 | 1 | Axle-Right Hand (502, 503) |
| | 02440951 | 1 | Axle-Right Hand (120, 333, 334, 504) |
| 18 | 52405400 | AR | Axle Assembly-Left Hand (Contains Items 19-23) (502, 503) |
| | 52405500 | AR | Axle Assembly-Left Hand (Contains Items 19-23) (120, 333, 334, 504) |
| 19 | 02437051 | 1 | Axle-Left Hand (502, 503) |
| | 02441051 | 1 | Axle-Left Hand (120, 333, 334, 504) |
| 20 | 05505700 | 1 | Bushing-Sleeve .750 x .814 x .750 (120, 333, 334, 502, 503, 504) |
| 21 | 06307000 | 1 | Washer-Locking .250 x .047 (120, 333, 334, 502, 503, 504) |
| 22 | 07012600 | 1 | Fitting-Lube .25-28 x .256 (120, 333, 334, 502, 503, 504) |
| 23 | 05502900 | 1 | Bushing-Sleeve .562 x .625 x .625 (120, 333, 334, 502, 503, 504) |
| 24 | 52405900 | 1 | Lockout Hub Assembly (Contains Items 25-27, 30, 31) (120, 333, 334, 502, 503, 504) |
| 25 | 01037400 | 1 | Pin (120, 333, 334, 502, 503, 504) |
| 26 | 08300700 | 1 | Spring-Compression .028 x .34 x 1.062 (120, 333, 334, 502, 503, 504) |
| 27 | 01037200 | 1 | Lockout Hub (120, 333, 334, 502, 503, 504) |
| 28 | 05948100 | 1 | Screw-Cap .25-20 x 2.00 Grade 8 (120, 333, 334, 502, 503, 504) |
| 29 | 06530900 | 1 | Nut-Jam-Nylon .250-20 (120, 333, 334, 502, 503, 504) |
| 30 | 05803200 | 1 | Pin-Roll .093 x 1.00 (120, 333, 334, 502, 503, 504) |
| 31 | 01037500 | 1 | Knob (120, 333, 334, 502, 503, 504) |
| 32 | 52405300 | 1 | Differential Assembly (120, 333, 334, 502, 503, 504) |
| 33 | 05803000 | 1 | Pin Roll .188 x 1.50 |
| 34 | 07412200 | 8 | Screw-Tap .50-20 x .62 Hex Head (120, 333, 334, 502, 503, 504) |
| 35 | 02457859 | 2 | Bearing Retainer (120, 333, 334, 502, 503, 504) |
| 36 | 05417700 | 2 | Bearing-Ball 1.13 x 2.19 x .63 (120, 333, 334, 502, 503, 504) |
| 37 | 06437400 | 2 | Washer-Flat-Steel 1.140 x 1.718 x .134 |
| 38 | 07028600 | 8 | Bolt Serrated Neck Slotted .25-20 x .50 |
| 39 | 06530100 | 8 | Nut-Locking-Flange .250-20 |

REDUCTION DRIVE

Model 924119, 120, 333, 334, 502, 503, 504

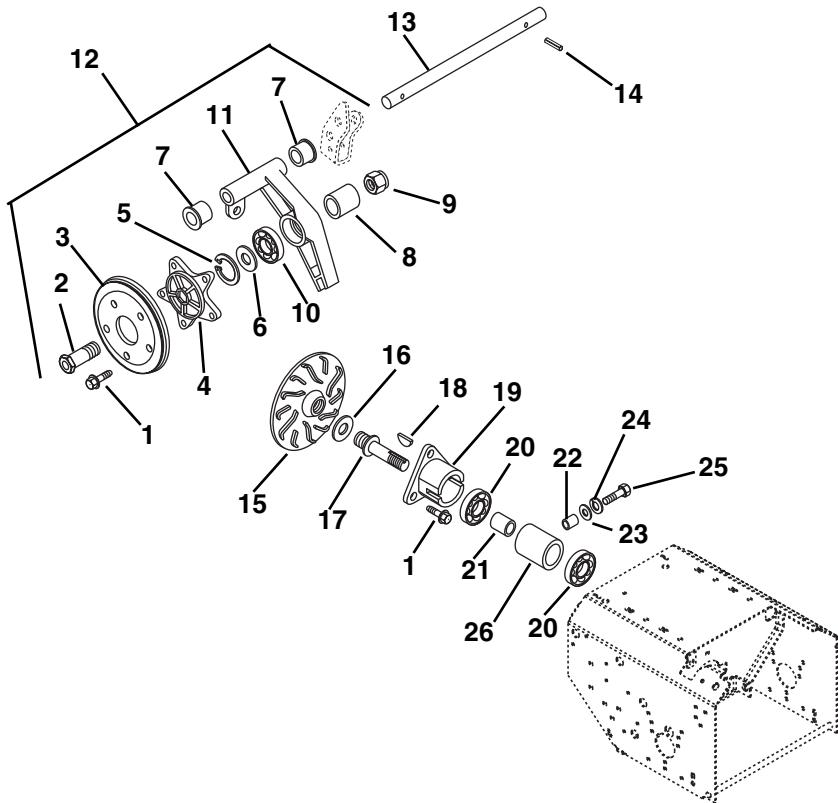


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| Item | Part No. | Qty. | Description |
|------|----------|------|--|
| 1 | 02477300 | 1 | Hex Shaft |
| 2 | 06437200 | 2 | Washer-Flat-Steel .344 x .688 x .065 |
| 3 | 02476800 | 1 | Hex Shaft |
| 4 | 05531600 | 1 | Spacer .450 x .75 x 1.60 |
| 5 | 06436600 | 1 | Washer-Flat-Steel .505 x .880 x .072 |
| 6 | 00308500 | 1 | Bearing Flange |
| 7 | 05435200 | 1 | Bearing-Ball .437 x 1.375 x .437 |
| 8 | 02414100 | 1 | Bearing Flange |
| 9 | 06530600 | 4 | Nut-Locking Dual Face 10-24 |
| 10 | 06536400 | 1 | Nut-Locking-Center .438-14 |
| 11 | 05718300 | 1 | Ring-Retaining External .31 x .025 |
| 12 | 07530500 | 1 | Idler |
| 13 | 06529800 | 1 | Nut-Locking-Center .31-18 |
| 14 | 06436100 | 6 | Washer-Flat-Steel .630 x 1.005 x .062 |
| 15 | 02436700 | 1 | Pinion Shaft |
| 16 | 02477700 | 1 | Roller Chain #41-34 Pitches |
| 17 | 07029700 | 1 | Drive Fitting-Hydraulic |
| 18 | 05802900 | 1 | Pin Roll .156 x 1.00 |
| 19 | 05800900 | 1 | Pin, Roll .125 x 1.00 |
| 20 | 52403200 | 1 | Pinion and Sprocket Assembly (Contains Items 21, 22) |
| 21 | 02436800 | 1 | Pinion and Sprocket |
| 22 | 05502600 | 2 | Bushing-Flange .625 x .750 x .50 x .875 |
| 23 | 06435700 | 2 | Washer-Flat-Steel .38 x .875 x .083 |
| 24 | 06536100 | 1 | Nut, Jam .31-18 |

FRICITION WHEEL DRIVE

Model 924119, 120, 333, 334, 502, 503, 504

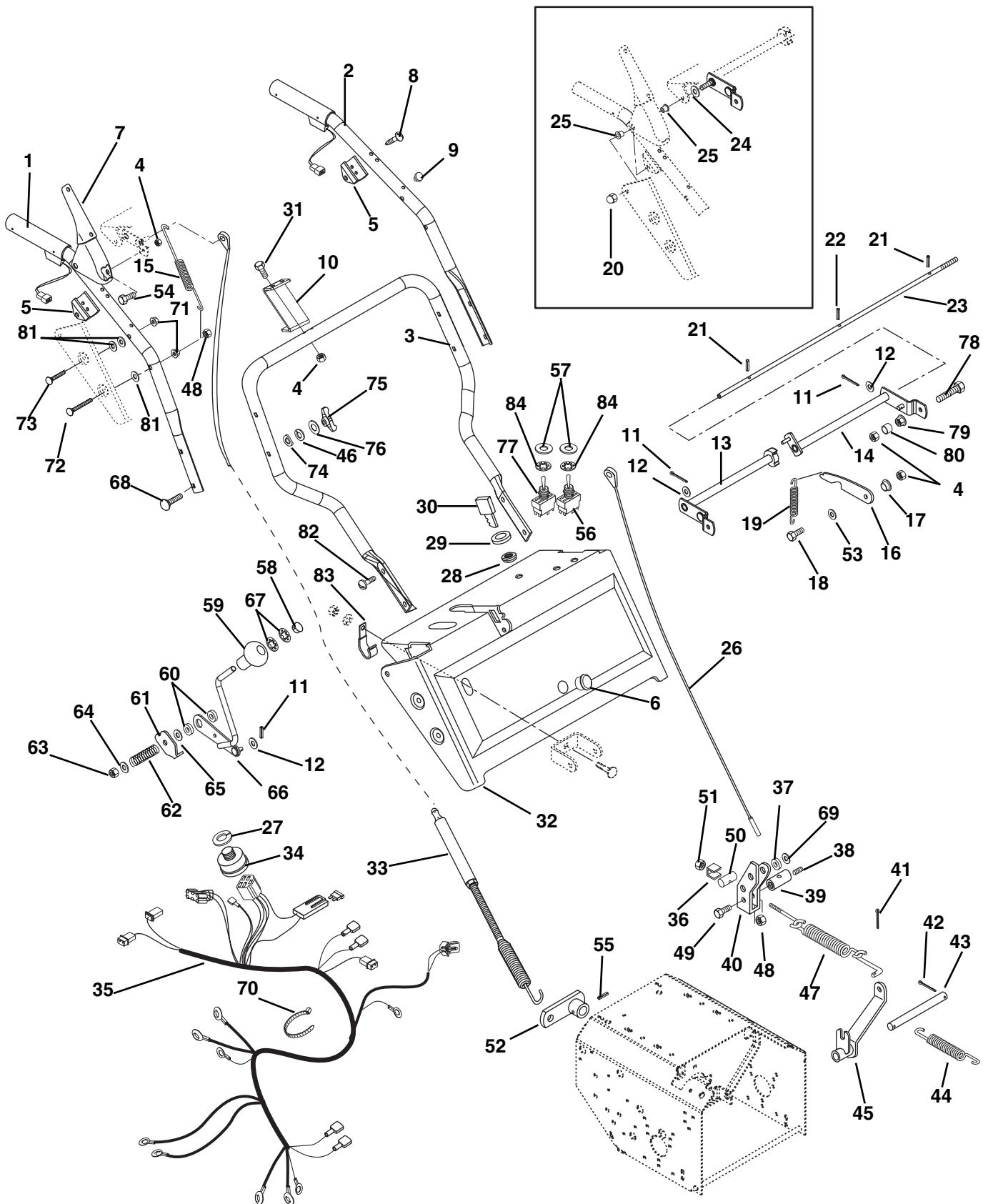


PS0452

| Item | Part No. | Qty. | Description |
|------|----------|------|--|
| 1 | 07411500 | 8 | Screw-Tapping .312-18 x .50 |
| 2 | 02445500 | 1 | Spindle Hub |
| 3 | 00300300 | 1 | Friction Disc |
| 4 | 02445400 | 1 | Disc Hub |
| 5 | 05702100 | 1 | Ring-Retaining-Internal 1.750 x .062 |
| 6 | 06436900 | 1 | Washer-Flat-Steel .880 x 1.250 x .062 |
| 7 | 05502600 | 2 | Bushing-Flange .625 x .750 x .500 x .875 |
| 8 | 05512600 | 1 | Bushing-Sleeve .882 x 1.250 x .531 |
| 9 | 06530500 | 1 | Nut-Locking-Nylon .875-14 |
| 10 | 05409300 | 1 | Bearing-Ball .88 x 1.75 x .50 |
| 11 | 02444500 | 1 | Carrier |
| 12 | 52404600 | AR | Friction Wheel Assembly (Contains 1-11) |
| 13 | 02477000 | 1 | Carrier Shaft |
| 14 | 05802900 | 2 | Pin-Roll .156 x 1.00 |
| 15 | 01054600 | 1 | Drive Plate |
| 16 | 02407100 | 1 | Drive Disc Spacer 1.3 x .76 x .19 |
| 17 | 02407600 | 1 | Spindle |
| 18 | 06600600 | 1 | Key-Woodruff .125 x .50 x .203 |
| 19 | 02458200 | 1 | Housing Mount |
| 20 | 05435100 | 2 | Bearing .625 x 1.375 x .43 |
| 21 | 02415500 | 1 | Bearing Spacer |
| 22 | 00303400 | 1 | Roller |
| 23 | 06437200 | 1 | Washer-Flat-Steel .344 x .688 x .065 |
| 24 | 06308600 | 1 | Washer-Lock .31 x .078 |
| 25 | 05946900 | 1 | Bolt-Hex .31-18 x 1.00 Grade 5 |
| 26 | 02458100 | 1 | Spindle Housing |

HANDLEBARS AND CONTROLS

Model 924119, 120, 333, 334, 502, 503, 504



PS0812

HANDLEBARS AND CONTROLS

Model 924119, 120, 333, 334, 502, 503, 504

| Item | Part No. | Qty. | Description |
|------|----------|------|--|
| 1 | 53209400 | 1 | Handlebar, Upper Right Hand (Includes Hand Warmer) |
| 2 | 53209500 | 1 | Handlebar, Upper Left Hand (Includes Hand Warmer) |
| 3 | 02487300 | 1 | Handlebar, Lower |
| 4 | 06529700 | 2 | Nut-Lock-Center .25-20 |
| 5 | 02464700 | 2 | Handle Pivot |
| 6 | 07511200 | 1 | Bushing-Snap (119, 120, 333, 334) |
| 7 | 02462100 | 2 | Lever-Clutch-Coated |
| 8 | 07411800 | 4 | Screw-Tapping 12-14 x 1.50 |
| 9 | 07511800 | 2 | Bumper |
| 10 | 02486451 | 1 | Bracket, Cable Support (119, 502, 503) |
| 11 | 06707400 | 2 | Pin, Cotter .09 x .50 |
| 12 | 06437300 | 2 | Washer-Flat-Steel .281 x .62 x .065 |
| 13 | 02476500 | 1 | Right Hand Lever |
| 14 | 02476700 | 1 | Left Hand Lever |
| 15 | 08335400 | 2 | Spring-Tension .051 x .50 x 4.87 |
| 16 | 02463400 | 1 | Arm-Latch |
| 17 | 05516100 | 1 | Bushing-Flange .265 x .437 x .339 x .62 |
| 18 | 05946800 | 1 | Bolt-Hex .25-20 x .75 |
| 19 | 08310900 | 1 | Spring-Tension .048 x .44 x 1.75 |
| 20 | 06530800 | 2 | Nut-Crown .312-18 |
| 21 | 05803300 | 2 | Pin Roll .156 x .75 |
| 22 | 05800900 | 1 | Pin-Roll .125 x 1.00 |
| 23 | 02463000 | 1 | Rod |
| 24 | 06436700 | 2 | Washer-Flat-Steel .323 x .625 x .062 |
| 25 | 05516200 | 4 | Bushing-Flange .325 x .465 x .333 x .685 |
| 26 | 06945300 | 1 | Cable, Traction Clutch (119, 502, 503) |
| 27 | 06306900 | 1 | Washer-Locking-Internal .625 x .045 (333, 334, 502, 503) |
| 28 | 06517300 | 1 | Nut-Panel .625-32 (333,334, 502, 503) |
| 29 | 07517700 | 1 | Cap-Ignition Switch (333,334, 502, 503) |
| 30 | 02460700 | 1 | Key-With Cap (333,334, 502, 503) |
| 31 | 05952500 | 2 | Bolt-Hex .25-20 x 1.50 Grade 5 |
| 32 | 52413700 | AR | Panel with Decal (504) |
| | 52413800 | AR | Panel with Decal (120) |
| | 52413900 | AR | Panel with Decal (119) |
| | 52414100 | AR | Panel with Decal (333) |
| | 52416000 | AR | Panel with Decal (334) |
| | 52414000 | AR | Panel with Decal (502) |
| | 52416100 | AR | Panel with Decal (503) |
| 33 | 06945200 | 1 | Cable, Blower Clutch |
| 34 | 52707300 | 1 | Switch Assembly (Contains 29-31) (333, 334, 502,503) |
| 35 | 02488800 | 1 | Wire Harness-Hand Warmers and Light (119, 120, 504) |
| | 02488900 | 1 | Wire Harness 12 Volt (333, 334) |
| | 02488700 | 1 | Harness, Wire (502, 503) |
| 36 | 01054200 | 1 | Adapter Spacer |
| 37 | 02408600 | 1 | Spacer 1.0 x .64 x .38 |
| 38 | 06005500 | 1 | Screw-Set .32-18 x .38 |
| 39 | 02213500 | 1 | Rod Adapter |
| 40 | 02422851 | 1 | Clutch Engagement Yoke |
| 41 | 06707400 | 1 | Pin-Cotter .09 x .50 |

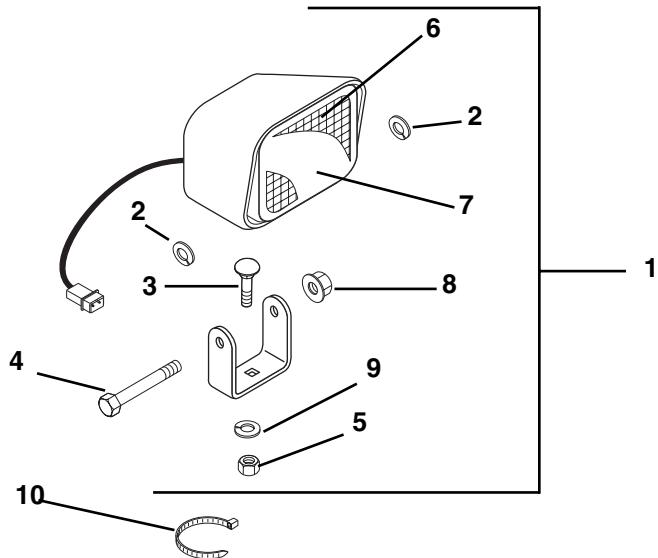
HANDLEBARS AND CONTROLS

Model 924119, 120, 333, 334, 502, 503, 504

| Item | Part No. | Qty. | Description |
|------|----------|------|--|
| 42 | 06707000 | 2 | Pin-Cotter .09 x 1.00 |
| 43 | 02406900 | 1 | Fork Pivot Rod |
| 44 | 08309400 | 1 | Spring-Tension .080 x .73 x 3.06 |
| 45 | 02427200 | 1 | Clutch Fork |
| 46 | 06307400 | 4 | Washer-Locking .312 x .097 Heavy |
| 47 | 52404700 | 1 | Spring Assembly |
| 48 | 06529800 | 3 | Nut-Locking-Center .31-18 |
| 49 | 05947000 | 1 | Bolt-Hex .31-18 x .75 Grade 5 |
| 50 | 02422700 | 1 | Adapter |
| 51 | 06530200 | 1 | Nut-Locking-Nylon .312-18 |
| 52 | 02485551 | 1 | Lever, Clutch |
| 53 | 06426600 | 1 | Washer-Flat-Steel .281 x 1.00 x .063 |
| 54 | 05947900 | 1 | Bolt-Hex .25-20 x .50 |
| 55 | 05802600 | 1 | Pin-Roll .156 x .88 |
| 56 | 02485700 | 1 | Switch, Hand Warmer |
| 57 | 06403800 | 1 | Washer-Flat-Steel .505 x .875 x .024 (119, 120, 333, 334, 504) |
| | 06403800 | 2 | Washer-Flat-Steel .505 x .875 x .024 (502, 503) |
| 58 | 07516700 | 1 | Hole Plug (119, 502, 503) |
| 59 | 07508300 | 1 | Knob (119, 502, 503) |
| 60 | 01123800 | 2 | Friction Washer (119, 502, 503) |
| 61 | 02463900 | 1 | Pressure Flange (119, 502, 503) |
| 62 | 08320900 | 1 | Spring-Compression .187 x .56 x 1.62 (119, 502, 503) |
| 63 | 06529600 | 1 | Nut-Locking .375-16 (119, 502, 503) |
| 64 | 06436200 | 1 | Washer-Flat-Steel .406 x .812 x .065 (119, 502, 503) |
| 65 | 02463100 | 1 | Spacer (119, 502, 503) |
| 66 | 02486500 | 1 | Lever-Deflector (119, 502, 503) |
| 67 | 05711300 | 2 | Ring-Retaining External .375 x .010 (119, 502, 503) |
| 68 | 06221600 | 4 | Bolt-Round Head Square Neck .31-18 x 2.25 Grade 5 |
| 69 | 06436100 | 1 | Washer-Flat-Steel .630 x 1.005 x .062 |
| 70 | 07517300 | 2 | Cable Tie 5.5" |
| 71 | 06530400 | 4 | Nut-Locking-Flange .312-18 |
| 72 | 06212300 | 2 | Bolt-Round Head Square Neck .31-18 x 2.75 |
| 73 | 06220200 | 2 | Bolt-Round Head Square Neck .31-18 x 1.75 |
| 74 | 06446800 | 4 | Washer, Saddle-.320 x .937 x .062 |
| 75 | 07531700 | 4 | Knob- Wing .312-18 |
| 76 | 06439400 | 4 | Washer-Flat-Steel .328 x .875 x .062 |
| 77 | 02485600 | 1 | Switch, Chute Rotation (502, 503) |
| 78 | 05947700 | 1 | Bolt-Hex .25-20 x 1.00 Grade 5 |
| 79 | 06530100 | 1 | Nut-Locking-Flange .250-20 |
| 80 | 02489900 | 1 | Spacer .265 x .355 x .312 |
| 81 | 06436600 | 6 | Washer-Flat-Steel .505 x .880 x .072 |
| 82 | 07028500 | 4 | Bolt-Hex Flanged Whiz Lock Head .38-16 x .75 |
| 83 | 06909400 | 1 | J-Clamp |
| 84 | 06310900 | 1 | Washer-Locking-Internal .563 x .040(119, 120, 333, 334, 504) |
| | 06310900 | 2 | Washer-Locking-Internal .563 x .040 (502, 503) |

HEADLIGHT

Model 924119, 120, 333, 334, 502, 503, 504

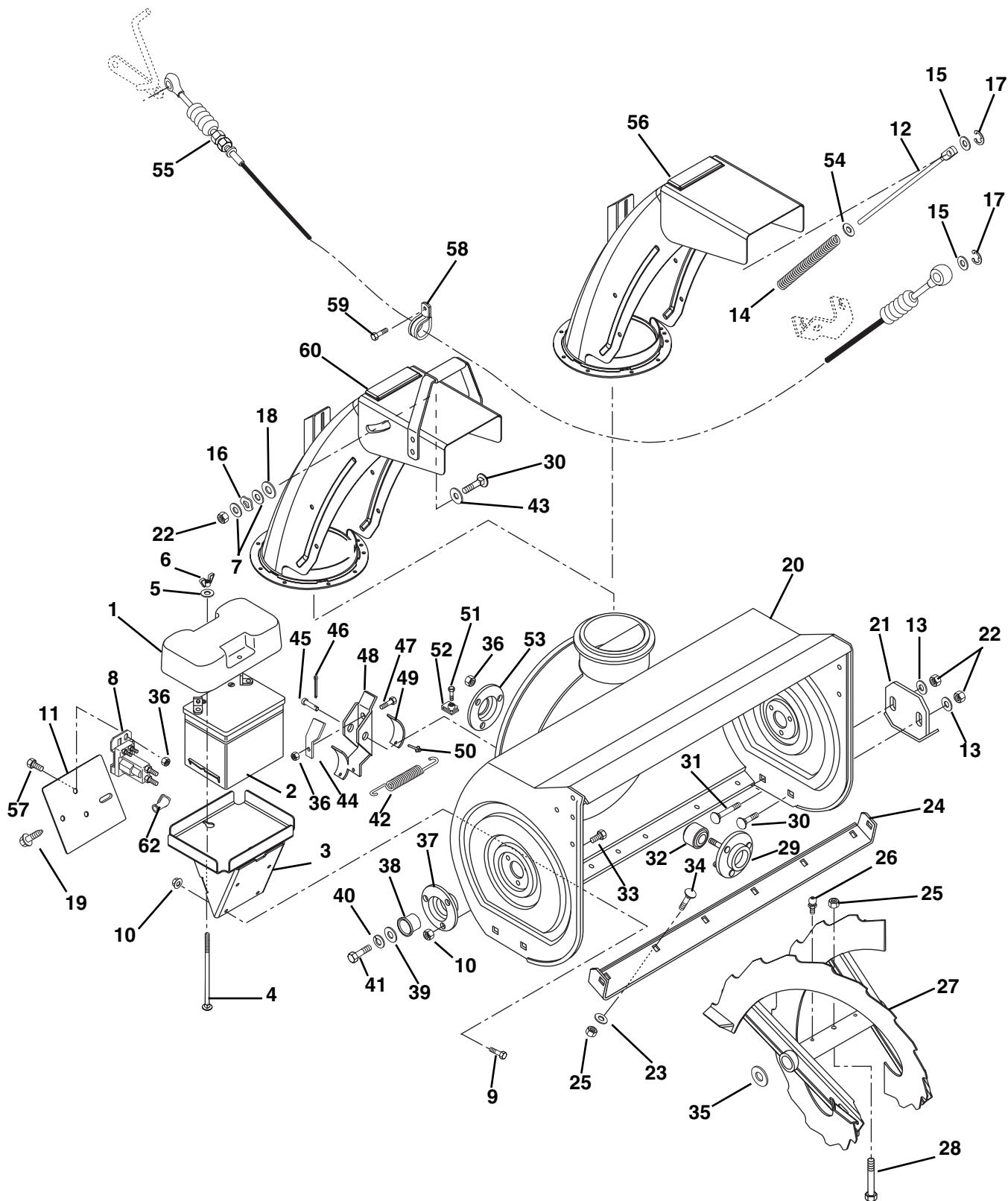


PS0422

| Item | Part No. | Qty. | Description |
|------|----------|------|--|
| 1 | 02485900 | AR | Headlight (Contains 2-9) |
| 2 | 06307200 | 2 | Washer-Lock-External .313 x .030 |
| 3 | 06216100 | 1 | Bolt-Round Head Square Neck .312-18 x 1.00 |
| 4 | 05952600 | 1 | Bolt-Hex .31-18 x 2.50 Grade 2 |
| 5 | 06529200 | 1 | Nut-Hex .312-18 |
| 6 | 02464900 | 1 | Lens |
| 7 | 02465000 | 1 | Bulb |
| 8 | 06530400 | 1 | Nut-Flange .312-18 |
| 9 | 06307400 | 1 | Washer-Lock .312 |
| 10 | 07517300 | 2 | Cable Tie |

AUGER AND BATTERY

Model 924119, 120, 333, 334, 502, 503



PS0437

AUGER AND BATTERY

Model 924119, 120, 333, 334, 502, 503

| Item | Part No. | Qty. | Description |
|------|----------|------|--|
| 1 | 09032300 | 1 | Cover, Battery (333, 334, 502, 503) |
| 2 | A/R | | Battery Recommend 340 to 350 CCA at 0° F. Size U1R or U1L (333, 334, 502, 503) |
| 3 | 02484559 | 1 | Battery Tray (503) |
| | 02488659 | 1 | Battery Tray (333, 334, 502) |
| 4 | 06220400 | 2 | Bolt-Round Head Square Neck .25-20 x 7.00 (333, 334, 502, 503) |
| 5 | 06437300 | 6 | Washer-Flat-Steel .281 x .62 x .065 (333, 334, 502, 503) |
| 6 | 06537500 | 2 | Wing Nut-Locking .25-20 (333, 334, 502, 503) |
| 7 | 06436200 | 2 | Washer-Flat-Steel .406 x .812 x .065 (333, 334, 502, 503) |
| 8 | 03679000 | 1 | Solenoid (333, 334, 502, 503) |
| 9 | 05946800 | 4 | Bolt-Hex .25-20 x .75 Grade 5 (333, 334, 502, 503) |
| 10 | 06530100 | 10 | Nut-Lock-Flange .25-20 |
| 11 | 02484459 | 1 | Cover, Solenoid (333, 334, 502, 503) |
| 12 | 02479800 | 1 | Rod, Chute (119, 502, 503) |
| 13 | 06435900 | 4 | Washer-Flat-Steel .438 x 1.00 x .083 |
| 14 | 08335200 | 1 | Spring, Compression (119, 502, 503) |
| 15 | 06437300 | 2 | Washer-Flat-Steel .281 x .62 x .065 (119, 502, 503) |
| 16 | 01320200 | 1 | Wave Washer (120, 333, 334) |
| 17 | 05718500 | 2 | Ring, Retaining-External .218 x .035 (119, 502, 503) |
| 18 | 06416800 | 1 | Washer-Plastic .390 x .875 x .062 (120, 333, 334) |
| 19 | 07412000 | 2 | Screw-Tapping .25-20 x .50 Hex Washer Head (333, 334, 502, 503) |
| 20 | 52414200 | 1 | Blower Housing w/Decal 28" (119) |
| | 52414300 | 1 | Blower Housing w/Decal 24" (120) |
| | 52414400 | 1 | Blower Housing w/Decal 24" (333) |
| | 52414500 | 1 | Blower Housing w/Decal 28" (334) |
| | 52414600 | 1 | Blower Housing w/Decal 32" (502) |
| | 52414700 | 1 | Blower Housing w/Decal 36" (503) |
| 21 | 02483059 | 2 | Runner, Skid Shoe-1/2" Flange (120, 333, 334, 502, 503) |
| | 02483859 | 2 | Runner, Double Flange (119) |
| 22 | 06529600 | 4 | Nut-Locking .375-16 (119, 502, 503) |
| | 06529600 | 5 | Nut-Locking .375-16 (120, 333, 334) |
| 23 | 06435700 | 5 | Washer-Flat-Steel .38 x .875 x .083 (119, 120, 333, 334) |
| | 06435700 | 7 | Washer-Flat-Steel .38 x .875 x .083 (502) |
| | 06435700 | 6 | Washer-Flat-Steel .38 x .875 x .083 (503) |
| 24 | 02479159 | 1 | Scraper Blade 28" (119) |
| | 01016400 | 1 | Scraper Blade 24" (120, 333) |
| | 00620159 | 1 | Scraper Blade 28" (334) |
| | 00620859 | 1 | Scraper Blade 32" (502) |
| | 03519259 | 1 | Scraper Blade 36" (503) |
| 25 | 06529800 | 7 | Nut-Locking-Center .31-18 (119, 120, 333, 334) |
| | 06529800 | 9 | Nut-Locking-Center .31-18 (502) |
| | 06529800 | 8 | Nut-Locking-Center .31-18 (503) |
| 26 | 07012600 | 4 | Fitting-Lube .25-28 x .256 |
| 27 | 52410700 | 1 | Rake, Left Hand - 28" (16" O.D.) (334) |
| | 52410800 | 1 | Rake, Right Hand - 28" (16" O.D.) (334) |
| | 52413600 | 1 | Rake, Right Hand - 24" (16" O.D.) (120, 333) |
| | 52413500 | 1 | Rake, Left Hand - 24" (16" O.D.) (120, 333) |
| | 52411800 | 1 | Rake, Left Hand - 28" (15" O.D.) (119) |
| | 52411900 | 1 | Rake, Right Hand - 28" (15" O.D.) (119) |
| | 52412200 | 1 | Rake, Left Hand - 32" (16" O.D.) (502) |
| | 52412300 | 1 | Rake, Right Hand - 32" (16" O.D.) (502) |
| | 52412500 | 1 | Rake, Left Hand - 36" (16" O.D.) (503) |
| | 52412600 | 1 | Rake, Right Hand - 36" (16" O.D.) (503) |

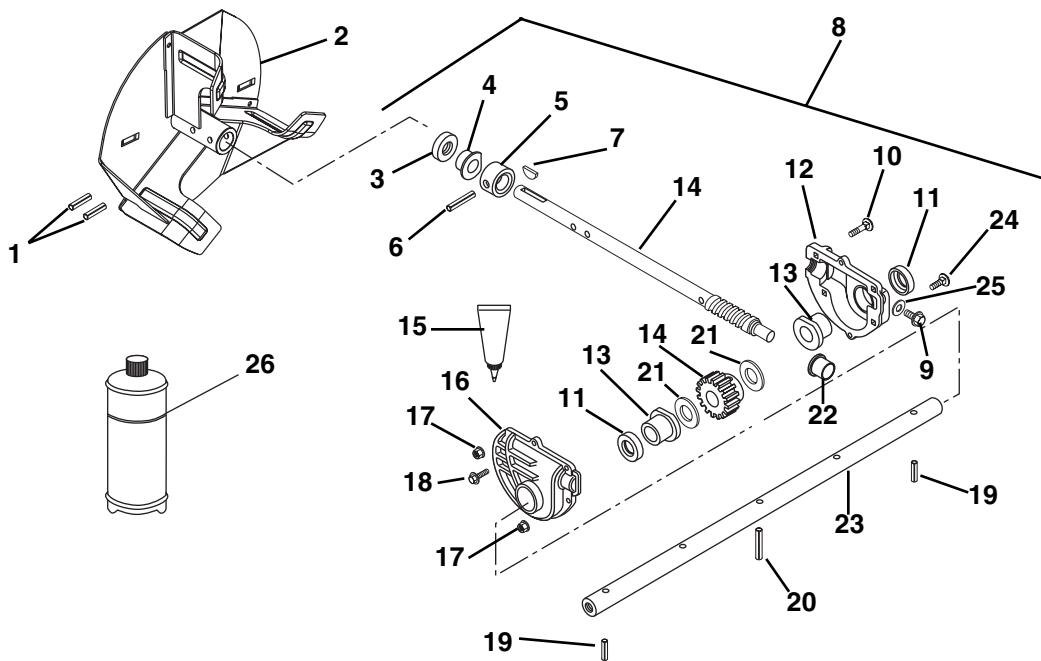
AUGER AND BATTERY

Model 924119, 120, 333, 334, 502, 503

| Item | Part No. | Qty. | Description |
|------|----------|------|---|
| 28 | 51001500 | 2 | Shear Bolt Service Assembly (Includes Item 25) |
| 29 | 00301700 | 1 | Bearing Flange (119,120, 333, 334, 502) |
| | 03086200 | 1 | Bearing Flange (503) |
| 30 | 06211800 | 2 | Bolt-Round Head Square Neck .38-16 x .75 (119, 502, 503) |
| | 06211800 | 3 | Bolt-Round Head Square Neck .38-16 x .75 (120, 333, 334) |
| 31 | 06212000 | 3 | Bolt-Round Head Square Neck .38-16 x 1.00 |
| 32 | 05418200 | 1 | Bearing-Ball 1.0 x 2.0 x .56 (503) |
| | 05406300 | 1 | Bearing-Ball .750 x 1.750 x .50 (119, 120, 333, 334, 502) |
| 33 | 07028600 | 6 | Bolt-Serrated-Neck-Slotted .25-20 x .50 |
| 34 | 06212200 | 5 | Bolt-Round Head Square Neck .312-18 x .62 (119, 120, 333, 334, 502) |
| | 06212200 | 7 | Bolt-Round Head Square Neck .312-18 x .62 (502) |
| | 06212200 | 6 | Bolt-Round Head Square Neck .312-18 x .62 (503) |
| 35 | 06436300 | 2 | Washer-Flat Steel 1.010 x 1.505 x .062 |
| 36 | 06529700 | 6 | Nut-Locking-Center .25-20 |
| 37 | 02437451 | 2 | Bearing Support |
| 38 | 05503500 | 2 | Bushing-Flange 1.000 x 1.12 x .62 x 1.50 |
| 39 | 06436400 | 2 | Washer-Flat-Steel .511 x 1.441 x .125 |
| 40 | 06306600 | 2 | Washer-Lock .500 x .151 |
| 41 | 05947100 | 2 | Bolt-Hex .50-13 x 1.00 Grade 5 |
| 42 | 08316400 | 1 | Spring-Tension .062 x .56 x 8.0 |
| 43 | 06441100 | 1 | Washer-Flat-Steel .52 x .827 x .062 (120, 333, 334) |
| 44 | 02440551 | 1 | Arm Extension (119) |
| 45 | 02448100 | 1 | Clevis Pin |
| 46 | 06707500 | 1 | Pin-Cotter .06 x .75 |
| 47 | 05946800 | 1 | Bolt-Hex .25-20 x .75 (119) |
| 48 | 52404800 | 1 | Brake Arm Assembly (Contains Items 49, 50) |
| 49 | 02217800 | 1 | Brake Lining |
| 50 | 06806700 | 2 | Rivet-Tubular .187 x .437 |
| 51 | 07028500 | 2 | Bolt-Hex Flanged Whizloc Head .38-16 x .75 |
| 52 | 07002600 | 2 | Nut-Retainer .38-16 |
| 53 | 01014200 | 1 | Bearing Flange (119, 120, 333, 334, 502) |
| | 03086100 | 1 | Bearing Flange (503) |
| 54 | 06437200 | 1 | Washer-Flat-Steel .344 x .688 x .065 (119, 502, 503) |
| 55 | 06945400 | 1 | Cable, Control (119, 502, 503) |
| 56 | 52411000 | 1 | Chute, Discharge with Remote (119, 502, 503) |
| 57 | 05947900 | 2 | Bolt-Hex .25-20 x .50 Grade 5 |
| 58 | 06908200 | 1 | Clamp-Cushioned (119, 502, 503) |
| 59 | 05959400 | 1 | Bolt-Hex .38-16 x .75 (119, 502, 503) |
| 60 | 52410900 | 1 | Chute, Discharge without Remote (120, 333, 334) |
| 61 | 06308400 | 2 | Washer-Locking .25 x.062 Regular |
| 62 | 07533200 | 2 | Boot, Eyelet Terminal (333, 334, 502, 503) |

GEAR CASE-ALUMINUM

Model 924119

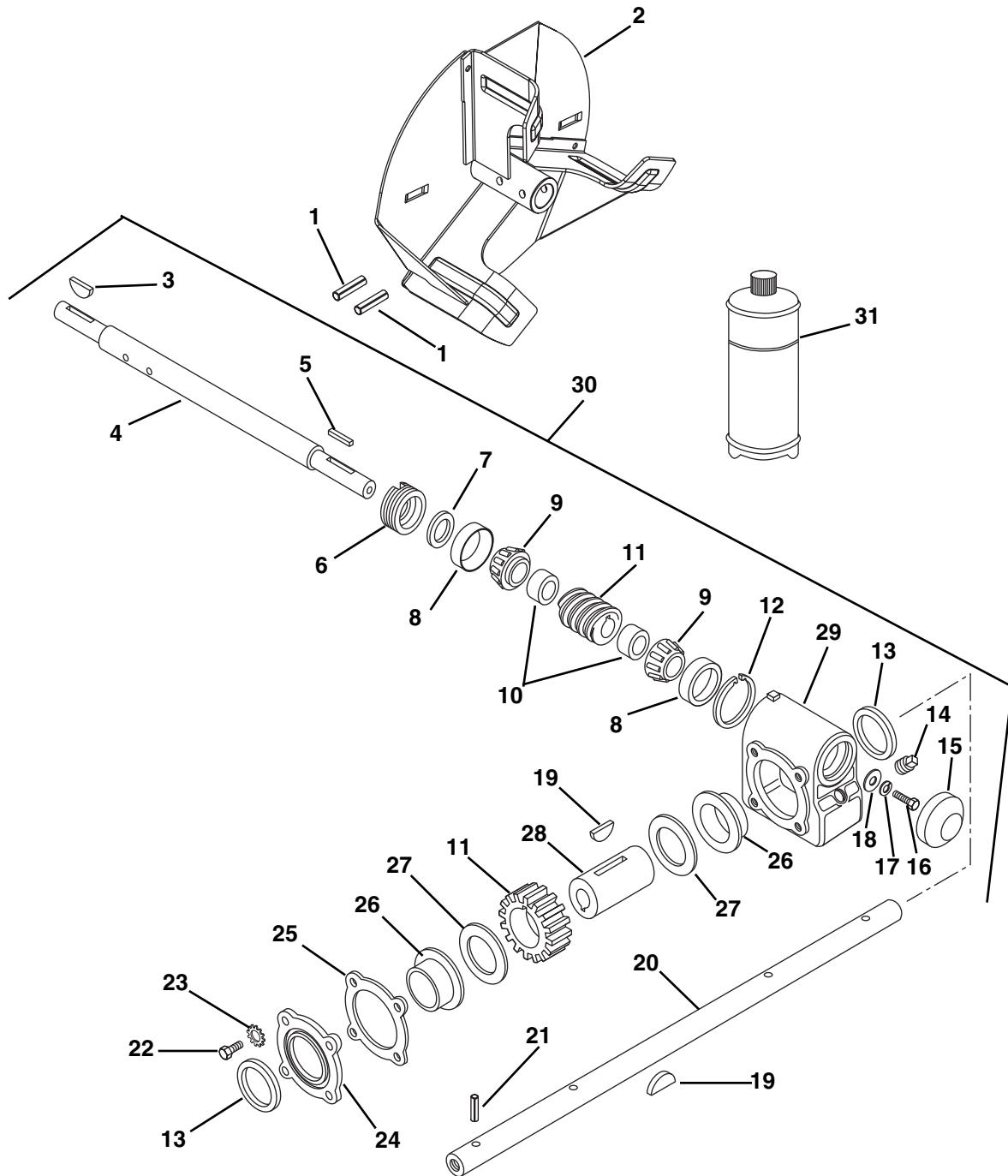


PS0692

| Item | Part No. | Qty. | Description |
|------|----------|------|---|
| 1 | 05803700 | 2 | Pin-Roll .250 x 1.75 |
| 2 | 02477251 | 1 | Impeller-.75 I.D.x 12" O.D. |
| 3 | 05618900 | 1 | Seal, Oil .750 x 1.375 x .312 |
| 4 | 05511200 | 1 | Bushing-Flange .75 x 1.00 x .75 x 1.25 |
| 5 | 03210300 | 1 | Thrust Collar |
| 6 | 05804500 | 1 | Pin-Groove .188 x 1.25 |
| 7 | 06600100 | 1 | Key-Woodruff .188 x .875 x .38 |
| 8 | 52413400 | AR | Case, Gear-Large Bore-28" (Contains Items 3-6, 9-18, 20-25) |
| 9 | 07412900 | 1 | Screw-Tapping .375-16 x .50 |
| 10 | 06219700 | 2 | Bolt-Round Head Square Neck .25-20 x 1.25 Grade 5 |
| 11 | 05618800 | 2 | Seal 1.000 x 1.375 |
| 12 | 02470600 | 1 | LS Case Half Left Hand Large Bore |
| 13 | 05530100 | 2 | Bushing-Flanged 1.00 x 1.12 x 1.50 x .495 |
| 14 | 52402600 | 1 | Worm Shaft and Gear Assembly |
| 15 | 00925700 | 1 | Locktite Gasket 518 850 cc Cartridge |
| 16 | 02470700 | 1 | LS Case Half Right Hand Large Bore |
| 17 | 06530100 | 4 | Nut-Locking-Flange .250-20 |
| 18 | 07413000 | 2 | Screw-Tapping 10-24 x .75 |
| 19 | 05803000 | 2 | Pin-Roll .188 x 1.50 |
| 20 | 05806900 | 1 | Pin-Groove .313 x 1.44 |
| 21 | 06416600 | 2 | Washer-Flat-Steel 1.007 x 1.542 x .062 |
| 22 | 05520600 | 1 | Bushing-Flange .502 x 1 x .750 |
| 23 | 02479300 | 1 | Rake Shaft 28" |
| 24 | 06219800 | 2 | Bolt-Round Head Square Neck .25-20 x 1.00 |
| 25 | 06442500 | 1 | Washer-Fiber .437 x .656 x .032 |
| 26 | 00008000 | 1 | Ariens 16 Oz. Bottle of L2 Lube (2 oz. capacity) |

GEAR CASE-CAST IRON

Model 924120, 333, 334, 502, 503



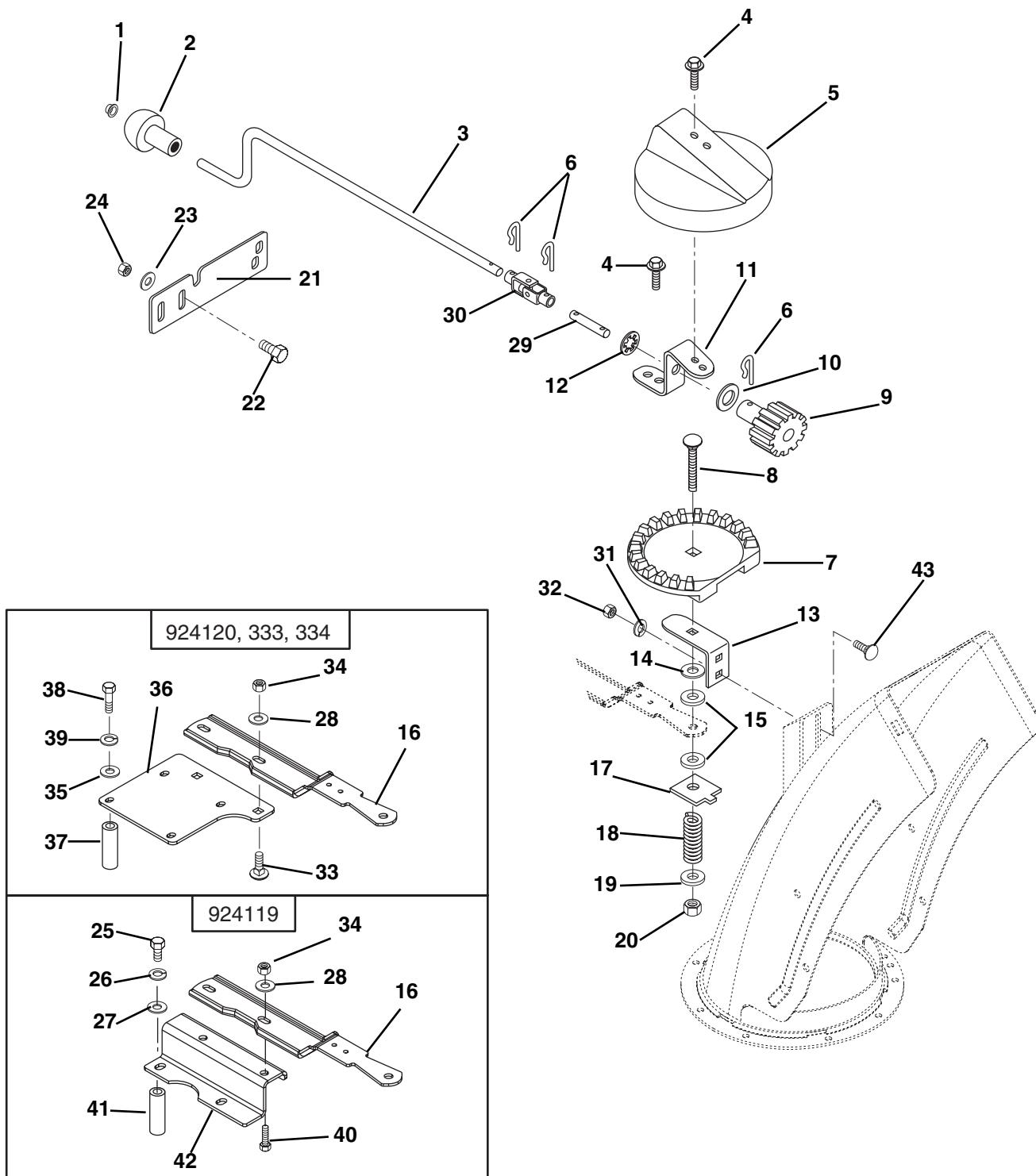
GEAR CASE-CAST IRON

Model 924120, 333, 334, 502, 503

| Item | Part No. | Qty. | Description |
|------|----------|------|---|
| 1 | 05801500 | 2 | Pin-Roll .313 x 1.75 |
| 2 | 02476951 | 1 | Impeller -1.00 I.D. x 14" O.D. (503) |
| | 00643151 | 1 | Impeller -1.00 I.D. x 12" O.D. (120, 333, 334, 502) |
| 3 | 06600100 | 1 | Key-Woodruff .188 x .875 x .375 |
| 4 | 02437500 | 1 | Worm Shaft-1.00" Diameter (503) |
| | 02406200 | 1 | Worm Shaft-1.00" Diameter (120, 333, 334, 502) |
| 5 | 06601300 | 1 | Key-Square .188 x 1.0 x .188 |
| 6 | 02401500 | 1 | Adjustment Plug |
| 7 | 05606100 | 1 | Seal 1.000 x 1.312 x .150 |
| 8 | 05404400 | 2 | Bearing-Cup 1.78 x .475 |
| 9 | 05404500 | 2 | Bearing-Cone .750 x .61 |
| 10 | 00200500 | 2 | Bearing Spacer 1.12 x 1.52 x .5 |
| 11 | 52400900 | 1 | Worm and Gear Service Assembly |
| 12 | 05707500 | 1 | Ring-Retaining-Internal 1.781 x .062 |
| 13 | 05607000 | 2 | Seal 1.625 x 2.125 x .250 |
| 14 | 00113800 | 1 | Pipe Plug |
| 15 | 00403700 | 1 | Dust Cap |
| 16 | 05947000 | 1 | Bolt-Hex .31-18 x .75 Grade 5 |
| 17 | 06307400 | 1 | Washer-Lock .312 x .097 |
| 18 | 06437500 | 1 | Washer-Flat-Steel .328 x 1.00 x .094 |
| 19 | 06600800 | 2 | Key-Woodruff .25 x .875 x .375 |
| 20 | 02472100 | 1 | Rake Shaft 24" 1.00 Diameter (120, 333) |
| | 02459600 | 1 | Rake Shaft 28" 1.00 Diameter (334) |
| | 02406500 | 1 | Rake Shaft 32" 1.00 Diameter (502) |
| | 03519500 | 1 | Rake Shaft 36" 1.00 Diameter (503) |
| 21 | 05803000 | 2 | Pin-Roll .188 x 1.50 |
| 22 | 05946800 | 4 | Bolt-Hex .25-20 x .75 Grade 5 |
| 23 | 06306800 | 4 | Washer-Lock-External .262 x .502 x .026 |
| 24 | 02401300 | 1 | Gear Case Cover |
| 25 | 00200800 | 1 | Gasket |
| 26 | 05505900 | 2 | Bushing-Flange 1.625 x 1.87 x 1.68 x 2.250 |
| 27 | 06408700 | 2 | Washer-Flat-Steel 1.625 x 2.500 x .012 |
| 28 | 02406400 | 1 | Gear Case Shaft |
| 29 | 02400200 | 1 | Gear Case |
| 30 | 52408200 | AR | Case Set Large Bore |
| 31 | 00008000 | 1 | Ariens 16 oz. Bottle of L2 Lube (5 oz. capacity) |

DISCHARGE CHUTE CRANK

Model 924119, 120, 333, 334



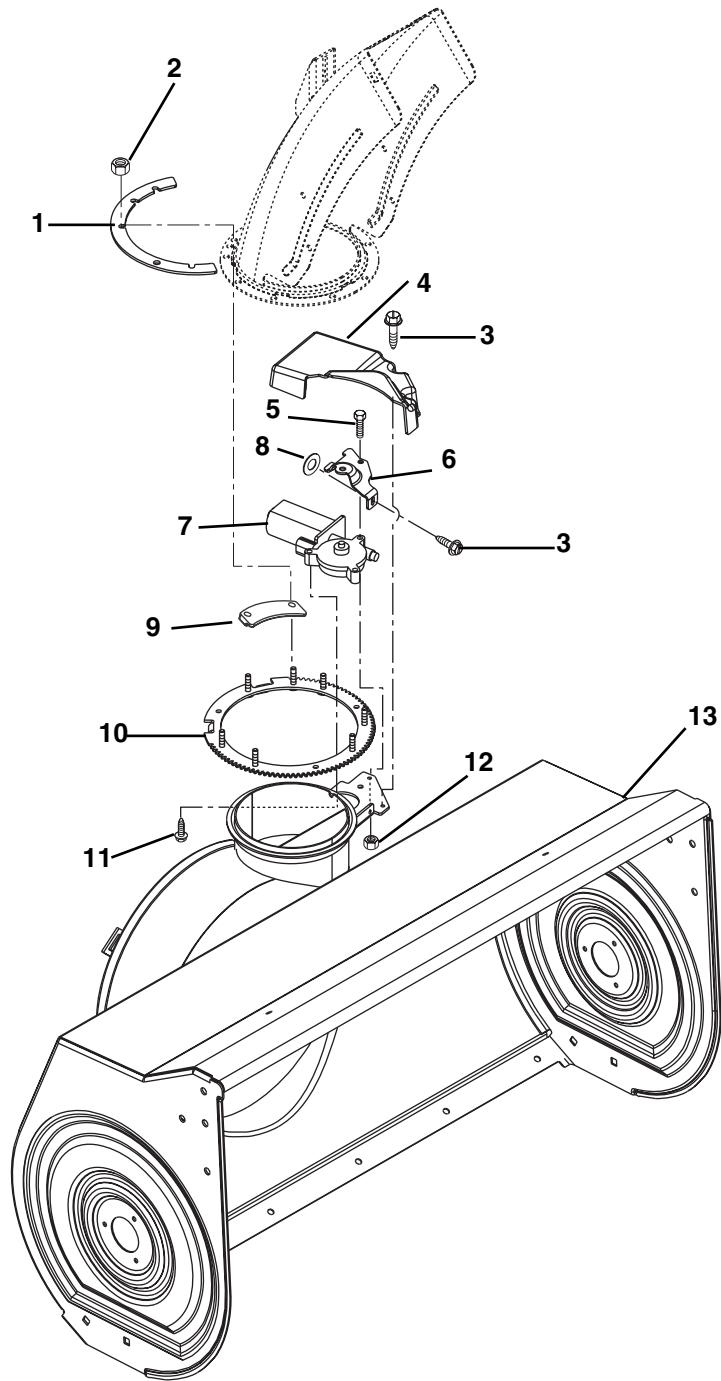
DISCHARGE CHUTE CRANK

Model 924119, 120, 333, 334

| Item | Part No. | Qty. | Description |
|------|----------|------|---|
| 1 | 01019800 | 1 | Cap, 3/8 Rod |
| 2 | 07508300 | 1 | Knob |
| 3 | 02480600 | 1 | Crank, Chute |
| 4 | 07412000 | 4 | Screw .25-20 x .50 Hex Washer Head Self Tapping |
| 5 | 03223000 | 1 | Cover, Gear |
| 6 | 06714500 | 3 | Pin-Spring Clip |
| 7 | 03222900 | 1 | Gear, Chute |
| 8 | 06224400 | 1 | Bolt-Round Head Square Neck .38-16 x 2.50 Grade 5 |
| 9 | 53204400 | 1 | Pinion Gear w/Bracket (Contains Items 11-13) |
| 10 | 06436100 | 1 | Washer-Flat-Steel .63 x 1.005 x .062 |
| 11 | 03220551 | 1 | Bracket, Gear |
| 12 | 03224300 | 1 | Push Nut |
| 13 | 03220751 | 1 | Gear Strap |
| 14 | 06439300 | 1 | Washer-Flat-Steel .38 x 1.50 x .062 |
| 15 | 01123800 | 2 | Friction Washer |
| 16 | 02480351 | 1 | Bracket, Chute Support |
| 17 | 03219000 | 1 | Friction Plate |
| 18 | 08320900 | 1 | Spring-Compression .187 x .56 x 1.62 |
| 19 | 06436200 | 1 | Washer-Flat-Steel .406 x .812 x .065 |
| 20 | 06529600 | 1 | Nut-Locking-Center .38-16 |
| 21 | 02488551 | 1 | Bracket, Chute Crank Support |
| 22 | 05947900 | 2 | Bolt-Hex .25-20 x .50 Grade 5 |
| 23 | 06435800 | 2 | Washer-Flat-Steel .312 x .734 x .065 |
| 24 | 06529700 | 2 | Nut-Locking-Center .25-20 |
| 25 | 05947500 | 2 | Bolt-Hex .31-18X1.25 Grade 5 (119) |
| 26 | 06308600 | 2 | Washer-Locking .31 x .078 Regular (119) |
| 27 | 06437200 | 2 | Washer-Flat-Steel .344 x .688 x .065 (119) |
| 28 | 06435800 | 2 | Washer-Flat-Steel .312 x .734 x .065 |
| 29 | 02479700 | 1 | Pin, Connector |
| 30 | 02470400 | 1 | Universal Joint |
| 31 | 06308400 | 1 | Washer-Locking .25 x .062 |
| 32 | 06533200 | 1 | Nut-Hex .25-20 |
| 33 | 06215700 | 2 | Bolt-Round Head Square Neck .31-18 x .75 |
| 34 | 06529800 | 2 | Nut-Locking-Center .31-18 |
| 35 | 06437300 | 4 | Washer-Flat-Steel .281 x .62 x .065 (120, 333, 334) |
| 36 | 02480751 | 1 | Bracket, Engine (120, 333, 334) |
| 37 | 02480900 | 4 | Spacer, Tube (120, 333, 334) |
| 38 | 05946800 | 4 | Bolt-Hex .25-20 x .75 Grade 5 (120, 333, 334) |
| 39 | 06308400 | 4 | Washer-Locking .25 x .062 x .065 (120, 333, 334) |
| 40 | 05947000 | 2 | Bolt-Hex .31-18 x .75 Grade 5 (119) |
| 41 | 03233600 | 2 | Spacer, Tube (119) |
| 42 | 02480251 | 1 | Bracket, Engine (119) |
| 43 | 06219900 | 1 | Bolt-Round Head Square Neck .25-20 x .75 Grade 5 |

ELECTRIC DISCHARGE CHUTE

Model 924502, 503



PS0860

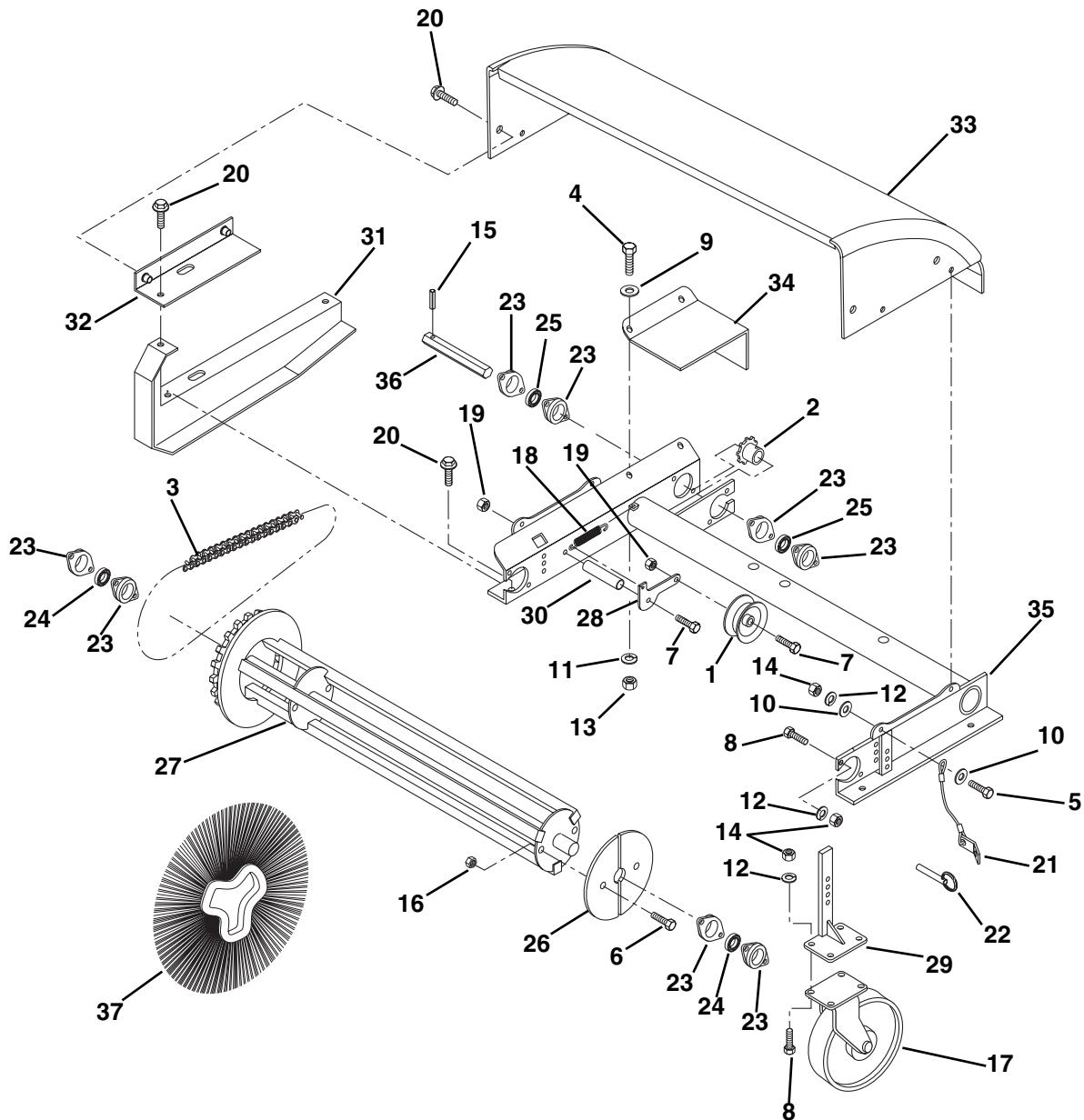
ELECTRIC DISCHARGE CHUTE

Model 924502, 503

| Item | Part No. | Qty. | Description |
|------|----------|------|---|
| 1 | 02486959 | 2 | Ring, Cover |
| 2 | 06530100 | 6 | Nut-Locking-Flange .250-20 |
| 3 | 07411900 | 3 | Screw-Tapping 12-24 x .50 Hex Washer Head |
| 4 | 02487100 | 1 | Cover, Motor |
| 5 | 05947400 | 1 | Bolt-Hex .25-20 x 1.25 Grade 5 |
| 6 | 02488251 | 1 | Bracket, Electric Motor |
| 7 | 02486300 | 1 | Motor, Electric Right Hand- Chute |
| 8 | 06437300 | 1 | Washer-Flat-Steel .281 x .62 x .065 |
| 9 | 02487000 | 3 | Clamp, Chute |
| 10 | 02486800 | 1 | Gear, Chute |
| 11 | 07414400 | 2 | Screw-Tapping .31-18 x.75 Hex Washer Head |
| 12 | 06529700 | 1 | Nut-Locking-Center .25-20 |
| 13 | 02485159 | 1 | Housing, Blower-32" E |

BRUSH HEAD

Model 924504



PS0592

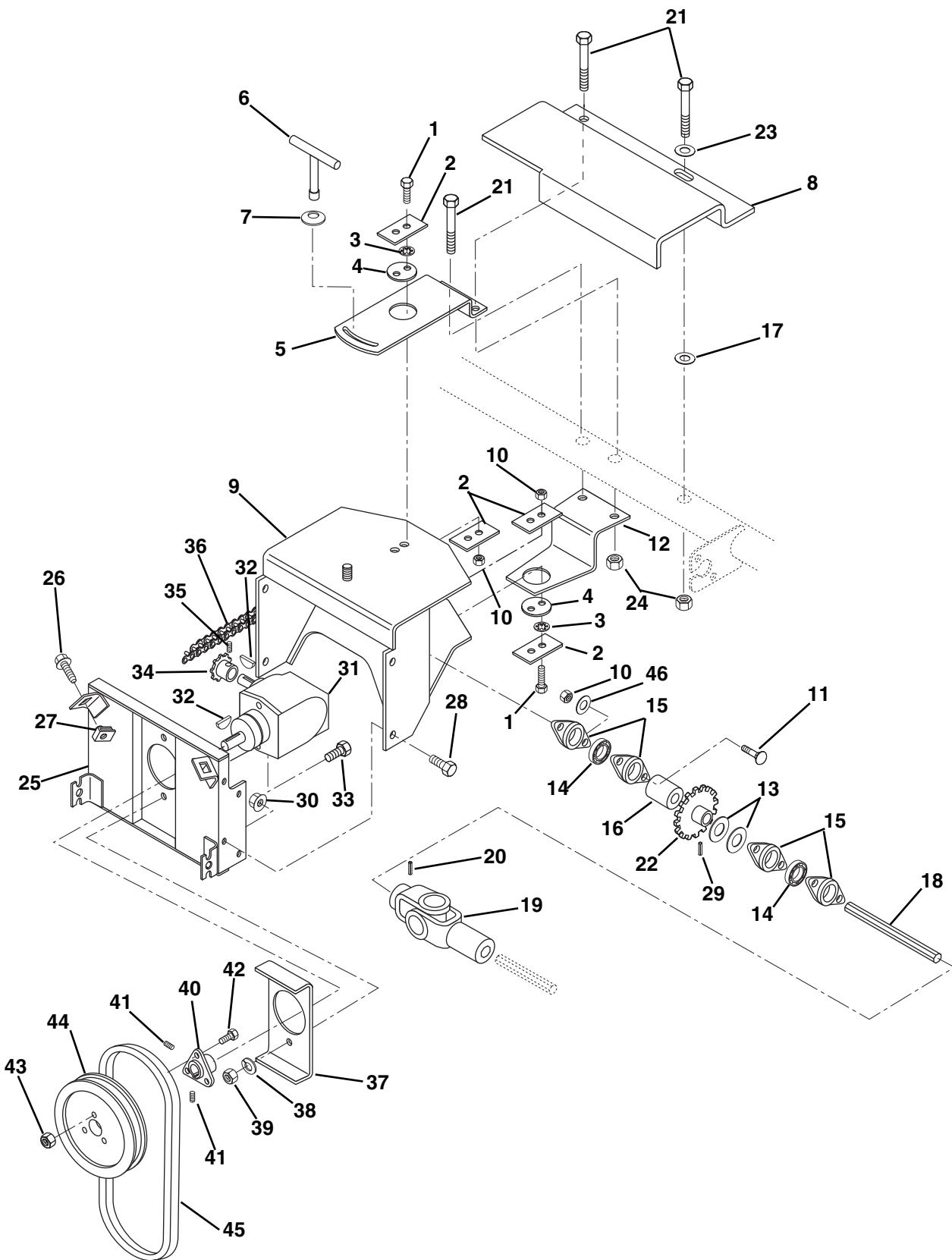
BRUSH HEAD

Model 924504

| Item | Part No. | Qty. | Description |
|------|----------|------|--------------------------------------|
| 1 | 01061300 | 1 | Chain Tightener |
| 2 | 01060900 | 1 | Sprocket |
| 3 | 02468300 | 1 | Chain, Assembly #40 x 106 |
| 4 | 05946800 | 2 | Bolt-Hex .25-20 x .75 Grade 5 |
| 5 | 05946900 | 4 | Bolt-Hex .31-18 x 1.00 Grade 5 |
| 6 | 05963700 | 2 | Bolt-Hex .31-18 x 2.25 Grade 5 |
| 7 | 05957900 | 2 | Bolt-Hex .38-16 x 1.50 Grade 5 |
| 8 | 05947000 | 16 | Bolt-Hex .31-18 x .75 Grade 5 |
| 9 | 06437300 | 2 | Washer-Flat-Steel .281 x .62 x .065 |
| 10 | 06435800 | 8 | Washer-Flat-Steel .312 x .734 x .065 |
| 11 | 06308400 | 2 | Washer-Lock .25 x .062 Regular |
| 12 | 06308600 | 20 | Washer-Lock .31 x .078 Regular |
| 13 | 06533200 | 2 | Nut-Hex .25-20 |
| 14 | 06529200 | 20 | Nut-Hex .31-18 |
| 15 | 02468400 | 1 | Pin, Spring Lok .187 x 1.25 |
| 16 | 02468500 | 2 | Nut, Lok Stamped .31-18 |
| 17 | 07109400 | 2 | Wheel, 5 inch Diameter |
| 18 | 02468600 | 1 | Spring, Tension .50 x 3.00 |
| 19 | 06529600 | 2 | Nut-Locking-Center .38-16 |
| 20 | 02468700 | 5 | Screw, Gear 10.9 M6 x 1-20 |
| 21 | 02468800 | 2 | Lanyard .06 Cable 1.25 x 6 |
| 22 | 00547800 | 2 | Pin, Hitch .38 x 2 |
| 23 | 02411300 | 8 | Flange, Spherical 2 inch |
| 24 | 05423400 | 2 | Bearing 1.00 Bore, Spherical |
| 25 | 05409700 | 2 | Bearing-Ball .84 Hex x 52 MM x 1.07 |
| 26 | 01062900 | 1 | Retainer Plate |
| 27 | 02469000 | 1 | Weldment, Core |
| 28 | 02469100 | 1 | Arm, Idler |
| 29 | 02469200 | 2 | Weldment, Caster Leg |
| 30 | 02469300 | 1 | Bushing .62 x 12 Gauge x .75 |
| 31 | 02469400 | 1 | Shield, Chain |
| 32 | 02469500 | 1 | Shield Chain Top |
| 33 | 02469600 | 1 | Weldment, Head |
| 34 | 02469700 | 1 | Shield, Input |
| 35 | 02469800 | 1 | Weldment, Broom Frame |
| 36 | 02469900 | 1 | Shaft, Hex 20.5 w/Hole |
| 37 | 02470000 | 1 | Set, 24 Section |

BRUSH DRIVE UNIT

Model 924504



BRUSH DRIVE UNIT

Model 924504

| Item | Part No. | Qty. | Description |
|------|----------|------|--|
| 1 | 05947500 | 4 | Bolt-Hex .31-18 x 1.25 Grade 5 |
| 2 | 02404800 | 4 | Retainer |
| 3 | 06307200 | 4 | Washer-Locking-Internal .313 x .030 |
| 4 | 02404900 | 2 | Pivot, Center |
| 5 | 02471751 | 1 | Plate, Top Mount |
| 6 | 02470900 | 1 | T-Lock Handle |
| 7 | 00597000 | 1 | Washer-Cupped Serrated .38 |
| 8 | 02470151 | 1 | Guard, Shaft |
| 9 | 02405051 | 1 | Frame, Adapter |
| 10 | 06529800 | 4 | Nut-Locking-Top .31-18 |
| 11 | 06215700 | 4 | Bolt-Round Head Square Neck .31-18 x .75 Grade 5 |
| 12 | 02471851 | 1 | Plate, Bottom Mount |
| 13 | 06418500 | 2 | Washer-Flat-Steel 1.015 x 1.500 x .125 |
| 14 | 05409700 | 2 | Bearing, Ball |
| 15 | 02429600 | 4 | Flange, Bearing |
| 16 | 02447600 | 1 | Spacer 1.006 x 1.307 x .500 |
| 17 | 06436800 | 1 | Washer-Flat-Steel .390 x .88 x .18 |
| 18 | 02429100 | 1 | Shaft |
| 19 | 02430600 | 1 | Universal Joint |
| 20 | 05803000 | 1 | Pin-Roll .188 x 1.50 |
| 21 | 05961100 | 3 | Bolt-Hex .38-16 x 3.25 Grade 5 |
| 22 | 01062000 | 1 | Sprocket |
| 23 | 06436200 | 1 | Washer-Flat-Steel .406 x .812 x .065 |
| 24 | 06529600 | 3 | Nut-Locking-Center .38-16 |
| 25 | 02429451 | 1 | Plate, Mounting |
| 26 | 07028500 | 2 | Bolt, Hex Flanged Whizloc Head .38-16 x .75 |
| 27 | 07002600 | 2 | Nut-Retainer .38-16 |
| 28 | 05959400 | 4 | Bolt-Hex .38-16 x .75 Grade 5 |
| 29 | 05805600 | 1 | Pin-Roll .188 x 1.75 |
| 30 | 06529600 | 4 | Nut-Locking-Center .38-16 |
| 31 | 02400400 | 1 | Gear Box Assembly |
| 32 | 06600300 | 2 | Key-Woodruff .188 x .75 x .313 SAE 9 |
| 33 | 05958000 | 2 | Bolt-Hex .38-16 x 1.25 Grade 5 |
| 34 | 02429800 | 1 | Sprocket |
| 35 | 06001100 | 2 | Screw-Set .25-20 x .25 Socket Head Cup Point |
| 36 | 01207800 | 1 | Chain |
| 37 | 02429551 | 1 | Plate, Stiffener |
| 38 | 06308800 | 2 | Washer-Lock .38 x .094 |
| 39 | 06529400 | 2 | Nut-Hex .38-16 |
| 40 | 50202100 | 1 | Hub Assembly |
| 41 | 06005500 | 2 | Screw-Set .31-18 x .38 Socket Head Cup Point |
| 42 | 07005300 | 3 | Bolt-Serrated Round Head Slotted .31-18 x .75 |
| 43 | 06530400 | 3 | Nut-Locking-Flanged .31-18 |
| 44 | 07307000 | 1 | Pulley-V 9.00 x 1.25 |
| 45 | 07210800 | 1 | V-Belt |
| 46 | 06435700 | 4 | Washer-Flat-Steel .38 x .875 x .083 |

CONTINUITY DIAGRAM

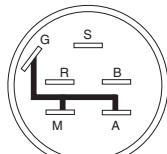
Model 924333, 334

The diagrams below show the various states of connection for electrical components.

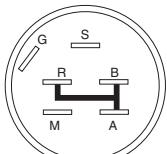
The solid lines on switches show continuity.

NOTE: All switches are viewed from the rear.

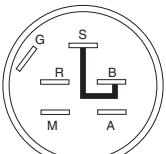
Key Switch
(02739600)



OFF

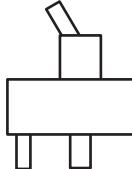


RUN

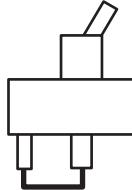


START

Hand Warmer Switch
(02485700)

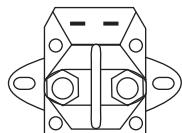


HAND WARMER
OFF

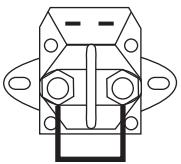


HAND WARMER
ON

Solenoid (Top View)
(03679000)



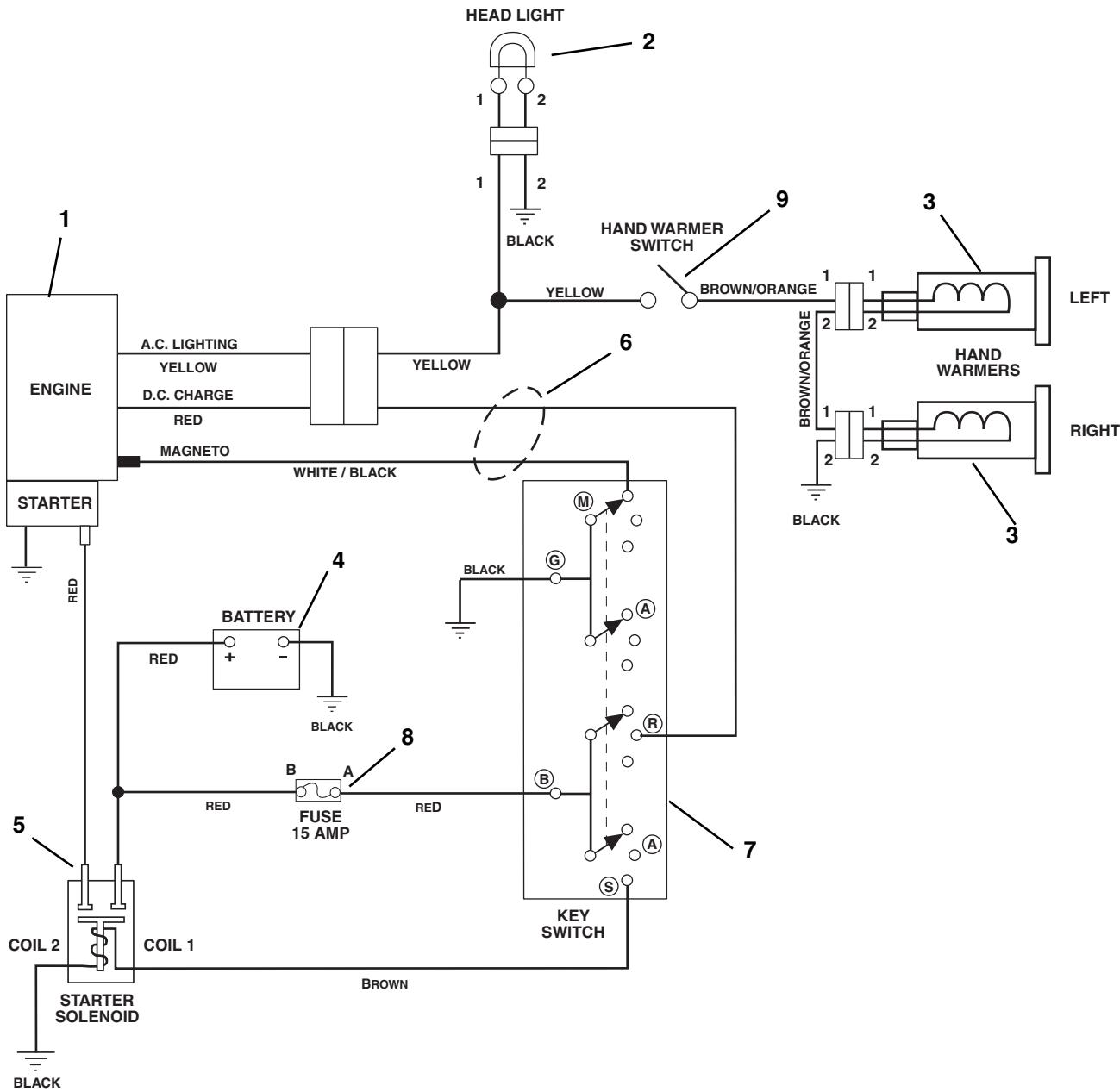
NOT ENERGIZED



ENERGIZED

WIRING DIAGRAM

Model 924333, 334



PS0672

| Item | Part No. | Qty. | Description |
|------|----------|------|---|
| 1 | 08260800 | AR | Engine, 10HP OHV Tecumseh- 12 Volt |
| | 08261000 | AR | Engine, 11HP OHV Tecumseh- 12 Volt |
| 2 | 02485900 | AR | Headlight |
| 3 | 07532900 | 2 | Grips, Hot |
| 4 | | AR | Battery Recommend 340 to 350 CCA at 0° F. Size U1R or U1L |
| 5 | 03679000 | 1 | Solenoid |
| 6 | 02488900 | 1 | Wire Harness 12 Volt |
| 7 | 52707300 | 1 | Switch Assembly, Key |
| 8 | 00524700 | 1 | 15 AMP Fuse |
| 9 | 02485700 | 1 | Switch, Hand Warmer |

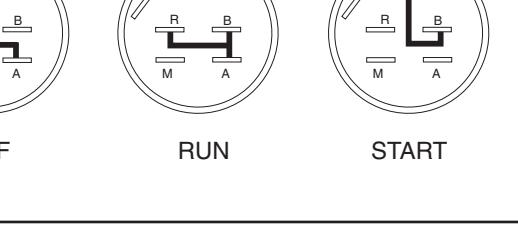
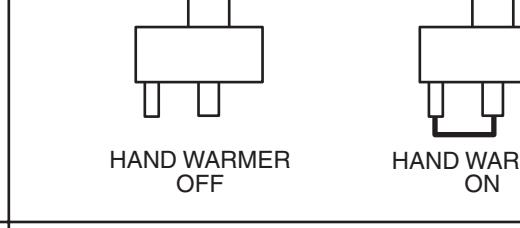
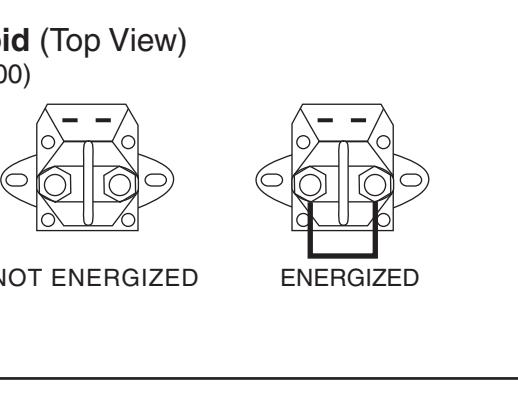
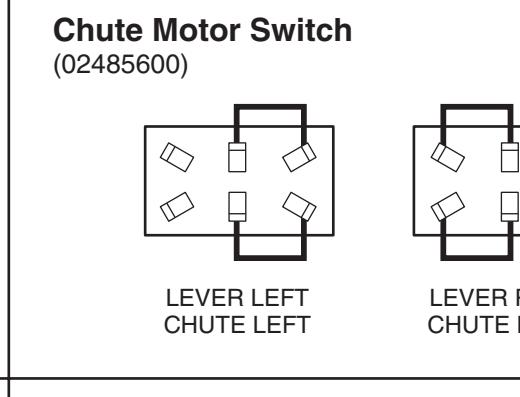
CONTINUITY DIAGRAM

Model 924502, 503

The diagrams below show the various states of connection for electrical components.

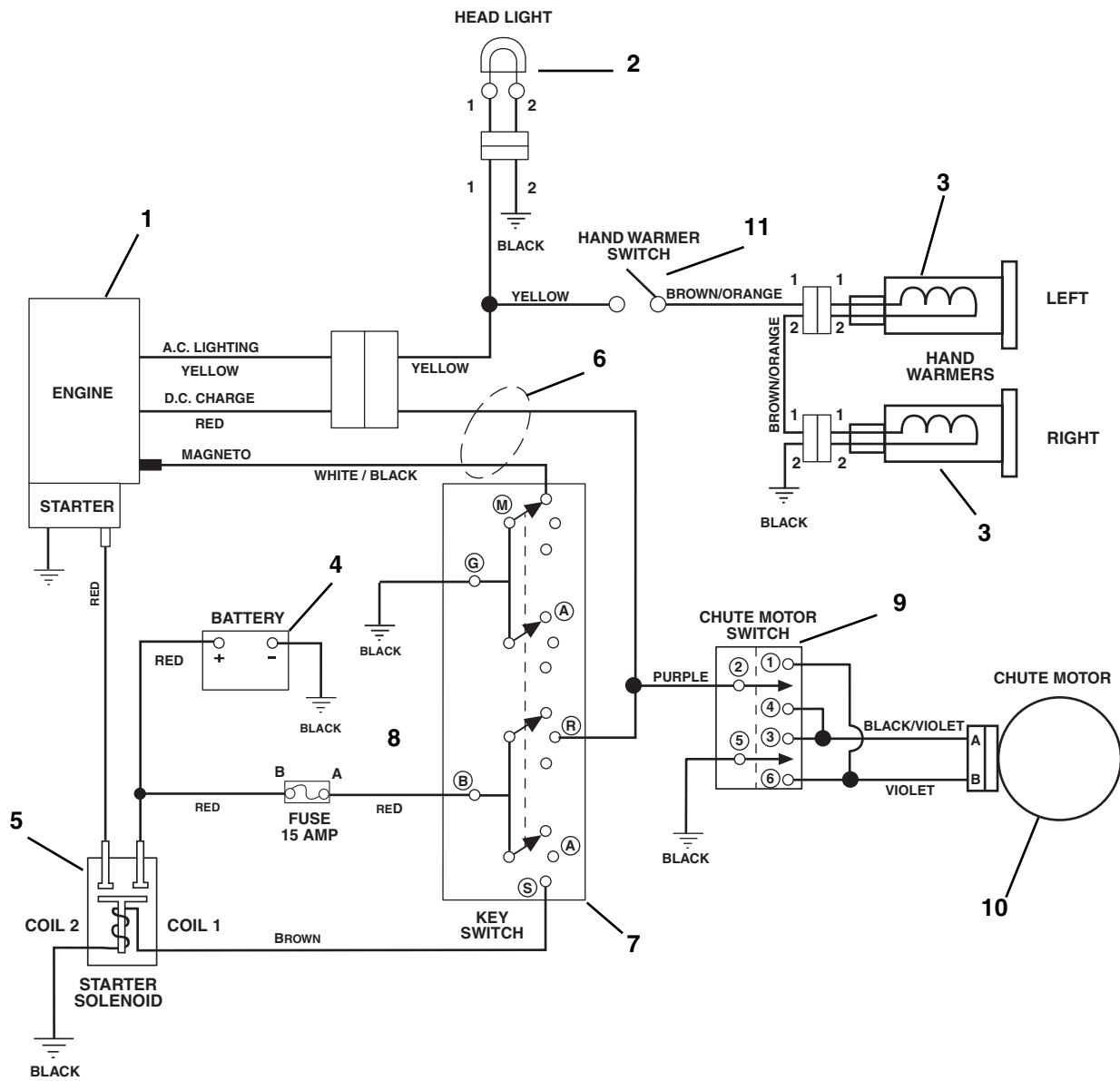
The solid lines on switches show continuity.

NOTE: All switches are viewed from the rear.

| | |
|---|---|
| <p>Key Switch (02739600)</p>  <p>OFF RUN START</p> | <p>Hand Warmer Switch (02485700)</p>  <p>HAND WARMER OFF HAND WARMER ON</p> |
| <p>Solenoid (Top View) (03679000)</p>  <p>NOT ENERGIZED ENERGIZED</p> | <p>Chute Motor Switch (02485600)</p>  <p>LEVER LEFT CHUTE LEFT LEVER RIGHT CHUTE RIGHT</p> |
| | |

WIRING DIAGRAM

Model 924502, 503

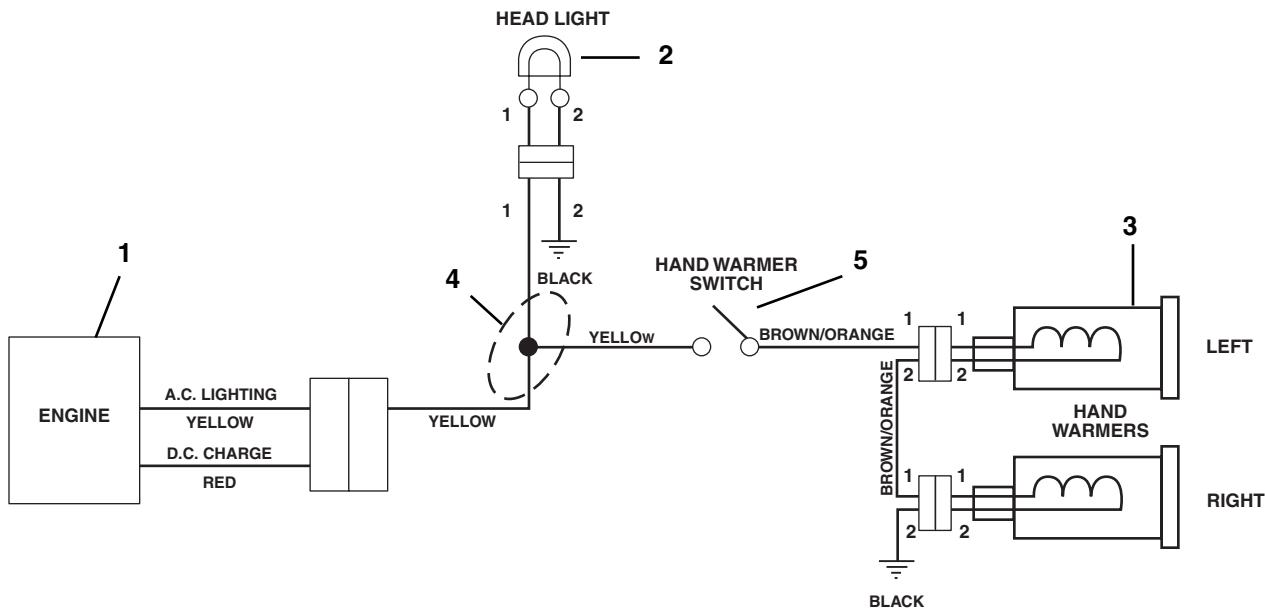


PS0850

| Item | Part No. | Qty. | Description |
|------|----------|------|---|
| 1 | 08261100 | AR | Engine, 13 HP OHV Tecumseh- 12 Volt |
| | 08261000 | AR | Engine, 11 HP OHV Tecumseh- 12 Volt |
| 2 | 02485900 | AR | Headlight |
| 3 | 07532900 | 2 | Grips, Hot |
| 4 | AR | | Battery Recommend 340 to 350 CCA at 0° F. Size U1R or U1L |
| 5 | 03679000 | 1 | Solenoid |
| 6 | 02488700 | 1 | Wire Harness 12 Volt |
| 7 | 52707300 | 1 | Switch Assembly, Key |
| 8 | 00524700 | 1 | 15 AMP Fuse |
| 9 | 02485600 | 1 | Switch, Chute Motor |
| 10 | 02486300 | 1 | Motor, Electric Right Hand- Chute |
| 11 | 02485700 | 1 | Switch, Hand Warmer |

CONTINUITY AND WIRING DIAGRAMS

Model 924119, 120, 504



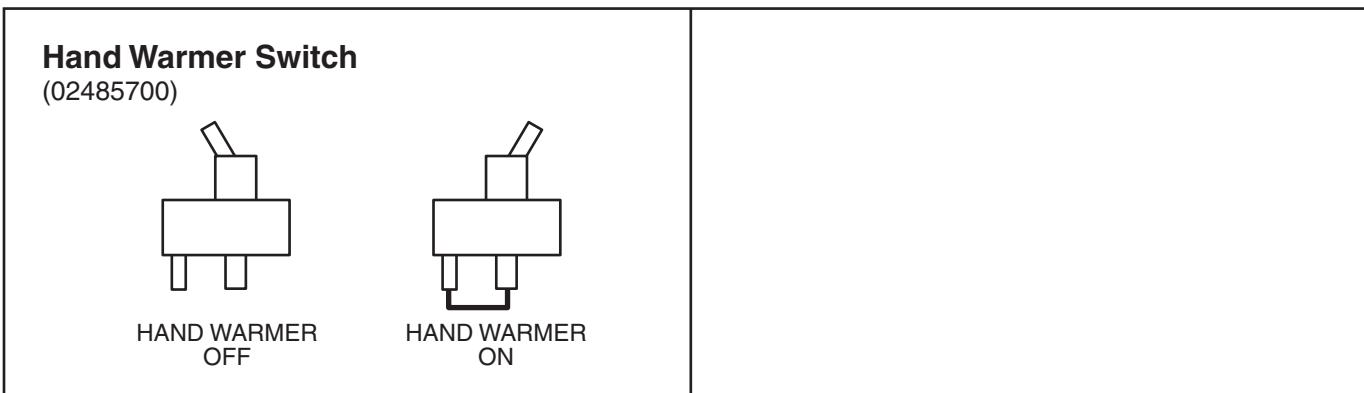
PS0830

| Item | Part No. | Qty. | Description |
|------|----------|------|---|
| 1 | 08262200 | 1 | Engine, 10HP L Head Tecumseh - 120 Volt (119) |
| | 08260700 | 1 | Engine, 10HP OHV Tecumseh- 120 Volt (120) |
| | 08261200 | 1 | Engine, 9HP Tecumseh OHV (504) |
| 2 | 02485900 | 1 | Headlight |
| 3 | 07532900 | 2 | Handle Hand Warmer with Terminal |
| 4 | 02488800 | 1 | Wire Harness-Hand Warmers and Light (119, 120, 504) |
| 5 | 02485700 | 1 | Switch, Hand Warmer |

The diagrams below show the various states of connection for electrical components.

The solid lines on switches show continuity.

NOTE: All switches are viewed from the rear.



PS0820



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